abcam

Product datasheet

Anti-NeuN antibody [EPR12763] - BSA and Azide free ab209898

重组 RabMAb

★★★★★ 1 Abreviews 3 References 26 图像

概述

产品名称	Anti-NeuN抗体[EPR12763] - BSA and Azide free
描述	兔单克隆抗体[EPR12763] to NeuN - BSA and Azide free
宿主	Rabbit
经测试应用	**适用于:** IHC (PFA fixed), mIHC, IHC-Fr, Flow Cyt (Intra), IHC-P, WB, ICC/IF
种属反应性	**与反应:** Mouse, Rat, Sheep, Goat, Cat, Dog, Human, Zebrafish, Common marmoset
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse brain, mouse cerebellum, rat cerebellum and human fetal brain tissue lysates. ICC/IF: SH-SY-5Y and Mouse primary neuron cells. IHC-P: Human cerebellum, human gliocytoma tissue. mIHC: Human cerebellum tissue IHC-Fr: Mouse dentate gyrus tissue. Flow Cyt (intra): U-87 MG cells.
常规说明	ab209898 is the carrier-free version of **ab177487**. Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications. Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold. This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.20 Constituent: PBS
无载体	**是**
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR12763
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab209898于以下的经测试应用**

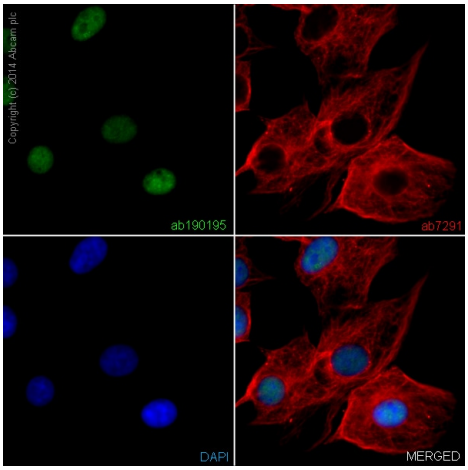
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC (PFA fixed)		Use at an assay dependent concentration.
mIHC		Use at an assay dependent concentration.
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration. **ab199376** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See **IHC antigen retrieval protocols**.
WB		Use at an assay dependent concentration. Detects a band of approximately 48.50 kDa (predicted molecular weight: 34 kDa).
ICC/IF		Use at an assay dependent concentration.

靶标

功能	RNA-binding protein that regulates alternative splicing events.
序列相似性	Contains 1 RRM (RNA recognition motif) domain.
细胞定位	Nucleus. Cytoplasm.

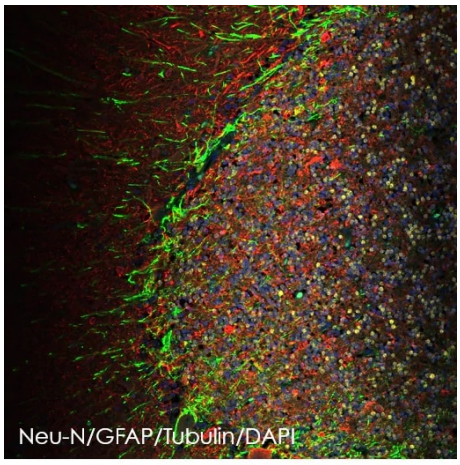
图片



Immunocytochemistry/ Immunofluorescence - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

Clone EPR12763 (ab209898) has been successfully conjugated by Abcam. This image was generated using Anti-NeuN antibody [EPR12763] - Neuronal Marker (Alexa Fluor® 488). Please refer to **ab190195** for protocol details.

ab190195 staining NeuN in U87-MG cells. The cells were fixed with 100% methanol (5min) and then blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated with **ab190195** at 1/50 dilution (shown in green) and **ab7291** (Mouse monoclonal [DM1A] to alpha Tubulin) at 1µg/ml overnight at +4°C, followed by a further incubation at room temperature for 1h with an Alexa Fluor® 594 Goat anti-Mouse secondary (**ab150120**) at 2 µg/ml (shown in red). Nuclear DNA was labelled in blue with DAPI.



Multiplex immunohistochemistry - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This data was developed using the same antibody clone in a different buffer formulation (**ab177487**).

Fluorescence multiplex immunohistochemical analysis of human cerebellum tissue (formalin-fixed paraffin-embedded section).

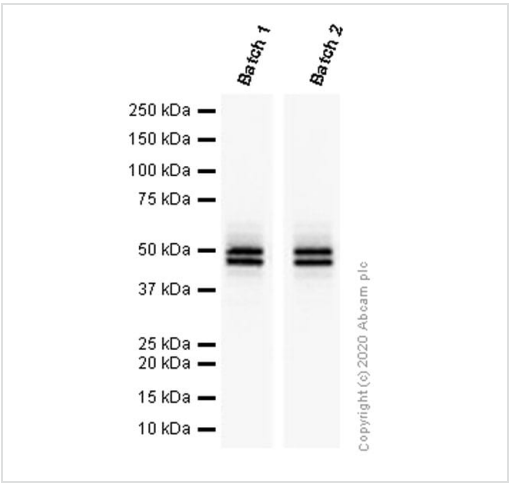
Merged staining of Neu-N (**ab177487**; yellow; Opal™570), anti-beta III Tubulin (**ab52623**; red; Opal™690) and anti-GFAP (**ab68428**; green; Opal™520).

The immunostaining was performed on a Leica Biosystems BOND® RX instrument with an Opal™ kit.

The section was incubated in three rounds of staining with **ab177487** (1/1000 dilution), **ab52623** (1/200 dilution) and **ab68428** (1/250 dilution); each using a separate fluorescent tyramide signal amplification system.

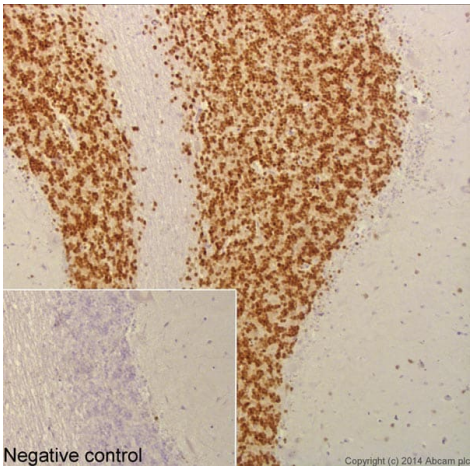
Sodium citrate antigen retrieval (pH 6.0) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity.

DAPI (blue) was used as a nuclear counter stain.



Western blot - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This data was developed using **ab177487**, the same antibody clone in a different buffer formulation. Different batches of **ab177487** were tested on mouse brain lysate at 2.0 µg/ml. 15 µg of lysate was loaded in each lane. Bands observed at 46,48 kDa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

IHC image of NeuN (**ab177487**) with Anti-Rabbit IgG VHH Single Domain Antibody (HRP) (**ab191866**) staining in formalin fixed paraffin embedded normal human cerebellum tissue section.

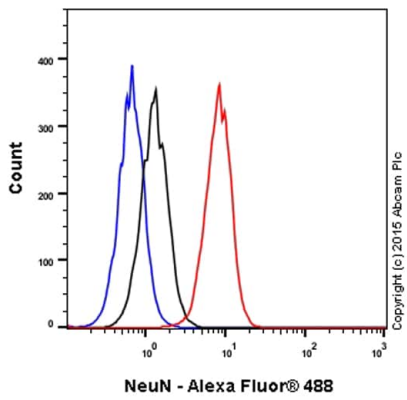
The section was dewaxed and then pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) in a Dako Pascal pressure cooker using the standard factory-set regime. Non-specific protein-protein interactions were then blocked using in TBS containing 0.025% (v/v) Triton X-100, 0.3M (w/v) glycine and 3% (w/v) BSA for 1 hour at room temperature. The section was then incubated with rabbit monoclonal antibody [EPR12763] to NeuN (**ab177487**, 0.1µg/ml) in TBS containing 0.025% (v/v) Triton X-100 and 3% (w/v) BSA overnight at +4°C. Endogenous peroxidases were quenched using 1.6% (v/v) hydrogen peroxide in TBS containing 0.025% (v/v) Triton X-100 for 30 minutes at room temperature, with agitation. The secondary antibody, Anti-Rabbit IgG VHH Single Domain Antibody (HRP) (**ab191866**, 1.0µg/ml) was then applied for 1 hour at room temperature in TBS containing 0.025% (v/v) Triton X-100 and 3% (w/v) BSA before being developed for 10 minutes at room temperature using Steady DAB/Plus (**ab103723**). The section was then counterstained with hematoxylin and mounted with DPX.

The negative control (secondary antibody only, no primary) inset

shows no staining, demonstrating secondary antibody specificity.

For other IHC staining systems (automated and non-automated), customers should optimize variable parameters such as antigen retrieval conditions, antibody concentrations and incubation times.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



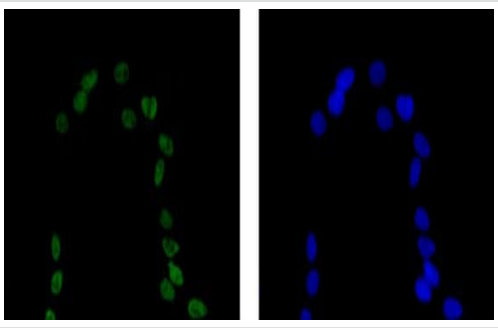
Flow Cytometry (Intracellular) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

Overlay histogram showing U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cells stained with **ab177487** (red line).

The cells were fixed with 80% methanol (5 minutes) and then permeabilized with 0.1% PBS-Tween for 20 minutes. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (**ab177487**, 1/100 dilution) for 30 minutes at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H&L) (**ab150081**) at 1/2000 dilution for 30 minutes at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (**ab172730**, 1µg/1x10^6 cells used under the same conditions. Unlabeled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.

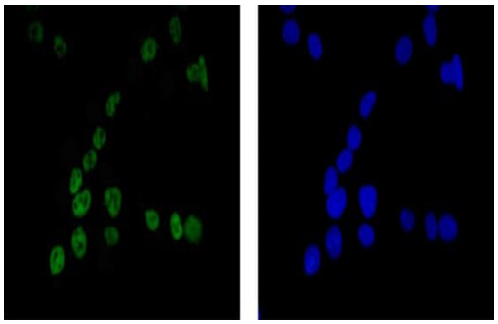
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunocytochemistry/ Immunofluorescence - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

Immunocytochemsitry/Immunofluorescence analysis of SH-SY5Y (Human neuroblastoma cell line from bone marrow) cells labeling NeuN (green) with purified **ab177487** at 1/300. Cells were fixed with 4% paraformaldehyde. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/200) was used as the secondary antibody. Counterstained with DAPI (blue).

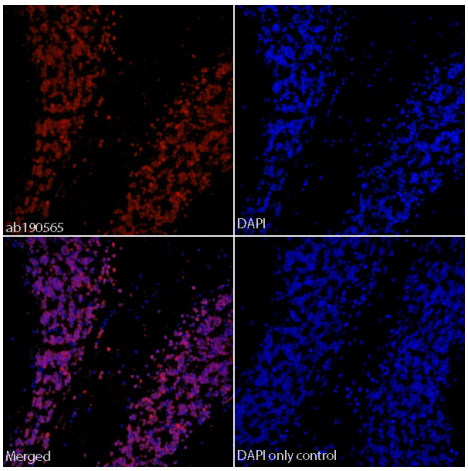
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunocytochemistry/ Immunofluorescence - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

Immunocytochemsitry/Immunofluorescence analysis of SH-SY5Y (Human neuroblastoma cell line from bone marrow) cells labelling NeuN (green) with unpurified **ab177487** at 1/80. Cells were fixed with 4% paraformaldehyde. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/200) was used as the secondary antibody. Counterstained with DAPI (blue).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

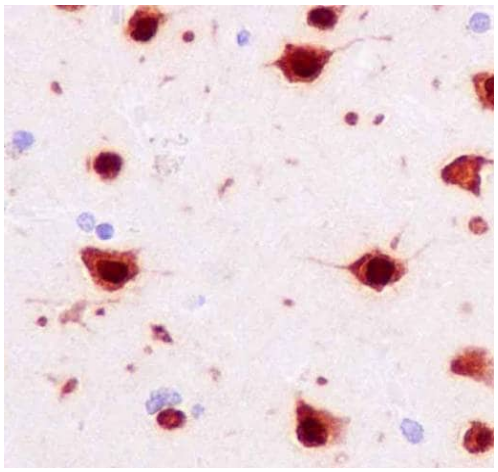
Clone EPR12763 (ab209898) has been successfully conjugated by Abcam. This image was generated using Anti-NeuN antibody [EPR12763] - Neuronal Marker (Alexa Fluor® 647). Please refer to **ab190565** for protocol details.

IHC image of **ab190565** staining in formalin fixed paraffin embedded tissue section of normal human cerebellum.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) in a Dako Pascal pressure cooker using the standard factory-set regime. Non-specific protein-protein interactions were then blocked using in TBS containing 0.025% (v/v) Triton X-100, 0.3M (w/v) glycine and 3% (w/v) BSA for 1h at room temperature. The section was then incubated with **ab190565** (1/50) in TBS containing 0.025% (v/v) Triton X-100 and 3% (w/v) BSA overnight at +4°C. The section was then counterstained and mounted with SlowFade® Gold Antifade Mountant with DAPI.

The DAPI only control (no antibody) inset shows no autofluorescence, demonstrating that any Alexa Fluor® 647 signal is dervied directly from bound **ab190565**. The separate images of **ab190565** and DAPI alone, combined with the merged version of both signals, shows predominant co-localisation of the Alexa Fluor® 647 signal in the nuclei of the cerebellar granule layer.

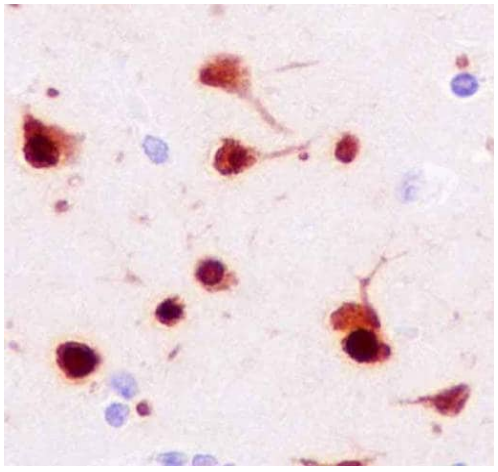
For other IHC staining systems (automated and non-automated), customers should optimize variable parameters such as antigen retrieval conditions, antibody concentrations and incubation times.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human gliocytoma tissue labelling NeuN with purified **ab177487** at 1/3000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.

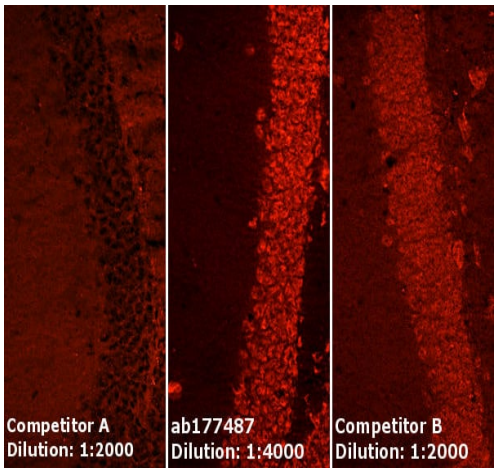
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human gliocytoma tissue labelling NeuN with unpurified **ab177487** at 1/800. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Frozen sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

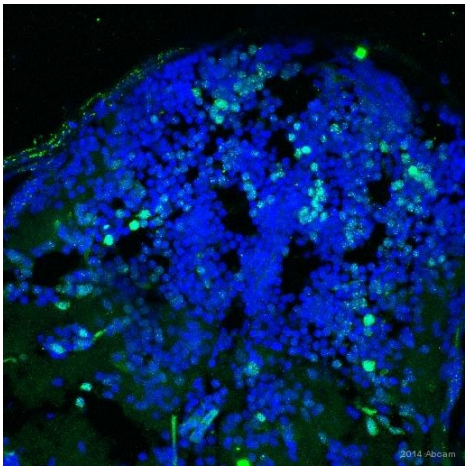
?An independent comparison of commercially available NeuN clones in IHC-Fr (acetone-fixed mouse dentate gyrus sections).

Competitor A: Leading mouse monoclonal.

Competitor B: Non-Abcam rabbit monoclonal.

ab177487 produces intense, specific staining with minimal background, even at half the dilution of competing antibodies.

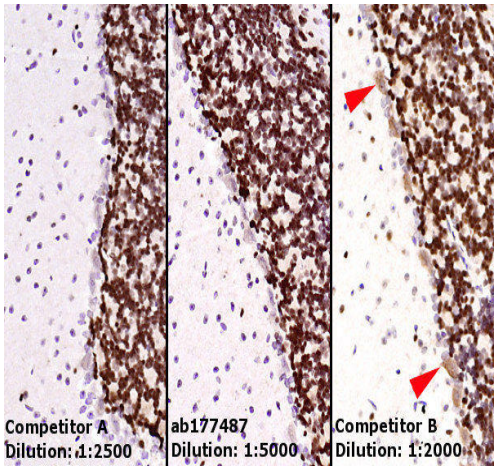
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Frozen sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Dr. Ryan MacDonald (Cambridge University United Kingdom)

IHC-Fr staining of NeuN on zebrafish brain tissue at 4 days post-fertilization using **ab177487** (1/100). The sections were fixed in paraformaldehyde and permeabilized using triton X. Antigen retrieval uisng sodium citrate was used. The sections were blocked using 5% BSA for 1 hour at 23^{o}C. **ab177487** was diluted 1/100 and incubated for 16 hours at 4^{o}C. The secondary antibody used was anti rabbit IgG conjugated to Alexa Fluor© 488 (1/1000). DAPI used as counterstain.
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

An independent comparison of commercially available NeuN clones in IHC-P.

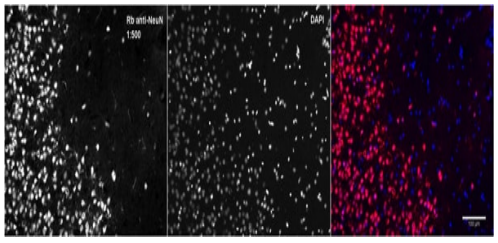
Competitor A: Leading mouse monoclonal.

Competitor B: Non-Abcam rabbit monoclonal.

Sodium citrate was used for antigen retrieval in all 3 samples.

ab177487 produces specific staining, equivalent to the leading mouse monoclonal at half the dilution. The non-Abcam mouse monoclonal was less specific as it stained Purkinje cells, which do not express NeuN.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).

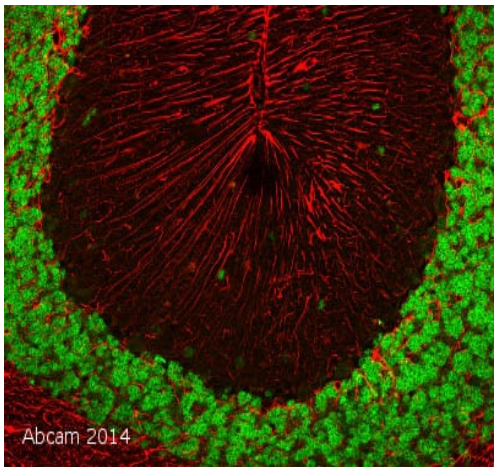


Immunohistochemistry (Frozen sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an Abreview submitted by Eva Borger

ab177487 staining NeuN in mouse brain tissue sections by Immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with formaldehyde and blocked with Triton X-100 + 0.4% horse seurm for 30 minutes at 20°C. Samples were incubated with primary antibody (1/500 in blocking solution) for 16 hours at 4°C. An Alexa Fluor® 594-conjugated donkey anti-rabbit IgG polyclonal (1/200) was used as the secondary antibody.

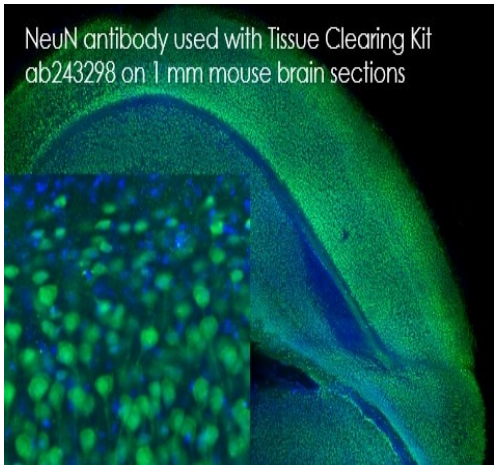
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

IHC-P image of NeuN (green) and GFAP (red) double staining on mouse cerebellum sections using **ab177487** (1/5000) and **ab4674** (1/1500) respectively.
The sections were deparaffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were then incubated with Rabbit Monoclonal to NeuN (**ab177487**) diluted at 1/5000 and Chicken Polyclonal to GFAP (**ab4674**) diluted at 1/1500. The primary antibody was detected using **ab150097** Goat anti-rabbit IgG conjugated to Alexa Fluor© 488 (1/500) and **ab150176** Goat anti-chicken IgY conjugated to Alexa Fluor© 594 (1/500)
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



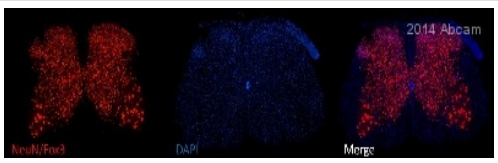
Immunohistochemistry (PFA fixed) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This data was developed using **ab177487**, the same antibody clone in a different buffer formulation.

NeuN antibody **ab177487** was used with Tissue Clearing Kit **ab243298** to penetrate, stain and clear a 1 mm coronal section of mouse brain. Blue: DAPI, Green: NeuN.

Learn more about **tissue clearing kits, reagents, and protocols** designed to make it easier to stain thick tissue sections and get more data from each valuable tissue section.

For 1 mm brain sections, we recommend a starting dilution of 1:200, and also using Goat Anti-Rabbit IgG H&L AlexaFluor488 (**ab150077**) at a dilution of 1:400.

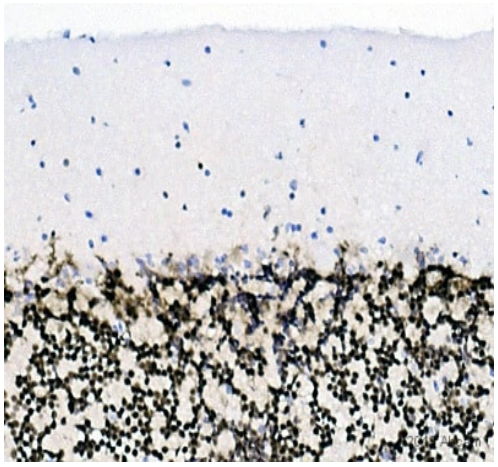


Immunohistochemistry (Frozen sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an Abreview submitted by Jianning Lu

ab177487 staining NeuN in mouse free floating 50 micron lumbar spinal cord tissue sections by Immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with formaldehyde, permeabilized with Triton X-100 and blocked with 10% serum for 2 hours at 25°C. Samples were incubated with primary antibody (1/500 in PBS + Triton) for 16 hours at 4°C. An Alexa Fluor® 594-conjugated donkey anti-rabbit IgG polyclonal (1/700) was used as the secondary antibody.

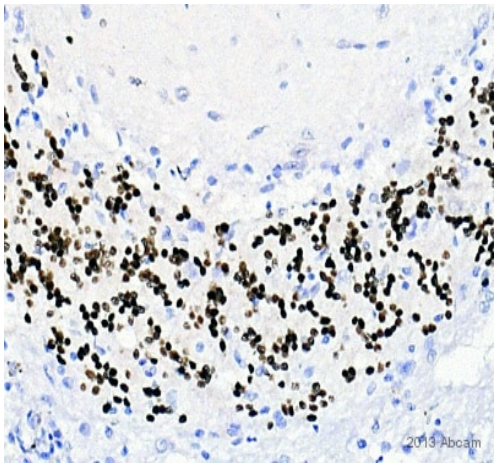
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

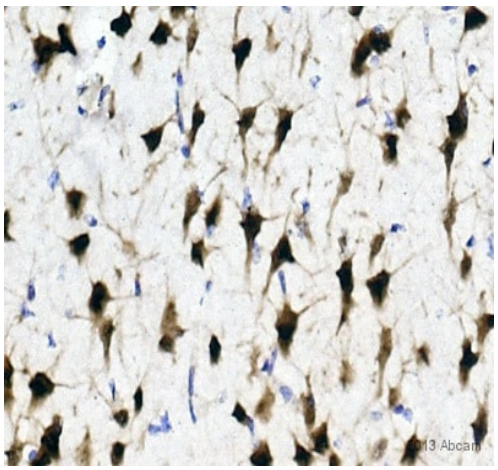
IHC-P image of FOX3/NeuN staining on cat cerebellum sections using **ab177487** (1/1000).
Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21^{O}C. **ab177487** was diluted 1/1000 and incubated with the sections for 2 hours at 21^{O}C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

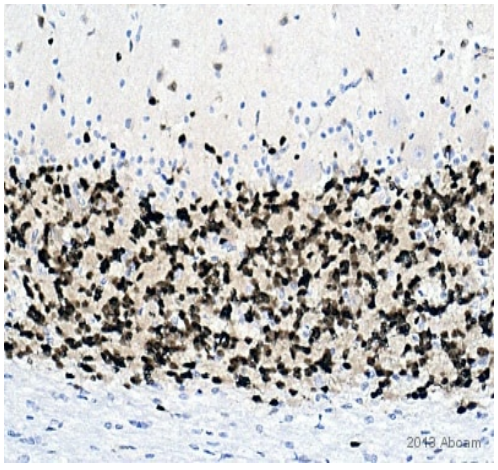
IHC-P image of FOX3/NeuN staining on dog cerebellum sections using **ab177487** (1/500).
Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21^{O}C. **ab177487** was diluted 1/500 and incubated with the sections for 2 hours at 21^{O}C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

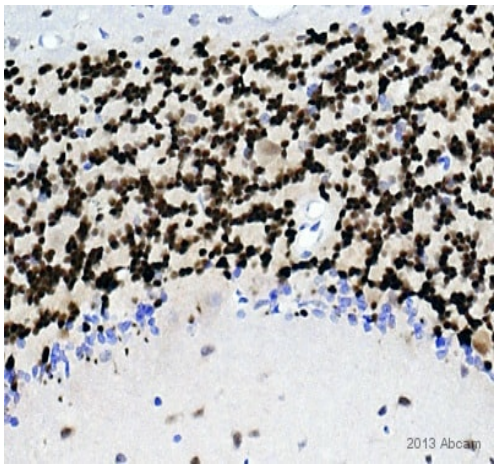
IHC-P image of FOX3/NeuN staining on sheep brain (Frontal cortex) sections using **ab177487** (1/1000). Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21^{O}C. **ab177487** was diluted 1/1000 and incubated with the sections for 2 hours at 21^{O}C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

IHC-P image of FOX3/NeuN staining on goat cerebellum sections using **ab177487** (1/500). Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21^{O}C. **ab177487** was diluted 1/500 and incubated with the sections for 2 hours at 21^{O}C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).

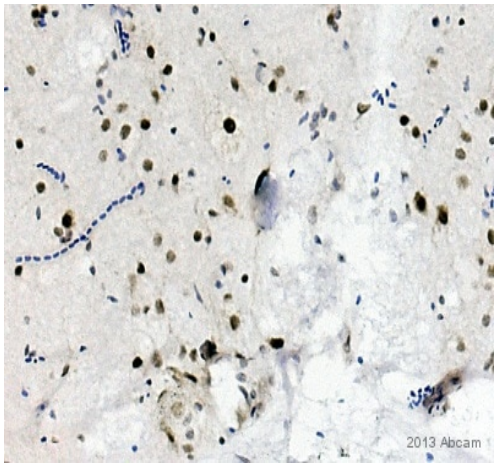


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

IHC-P image of FOX3/NeuN staining on marmoset cerebellum sections using **ab177487** (1/2000). Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21°C. **ab177487** was diluted 1/2000 and incubated with the sections for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).

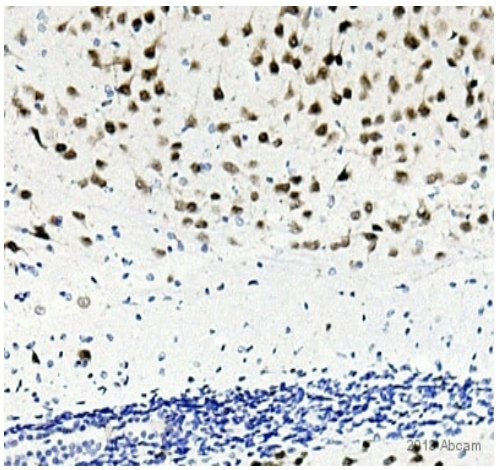


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

IHC-P image of FOX3/NeuN staining on zebrafish spinal cord sections using **ab177487** (1/500). Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21°C. **ab177487** was diluted 1/500 and incubated with the sections for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

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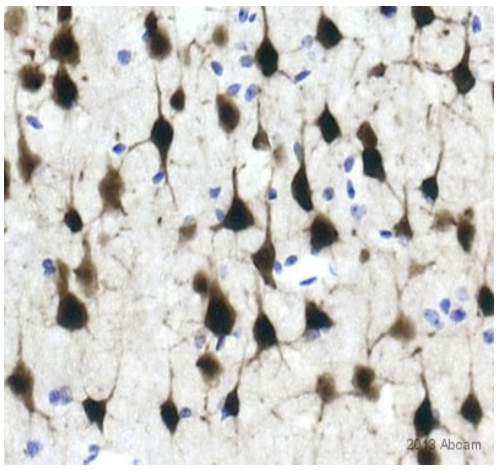
IHC-P image of FOX3/NeuN staining on rat brain (SVZ) sections using **ab177487** (1/2000). Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21°C. **ab177487** was diluted 1/2000 and incubated with the sections for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).

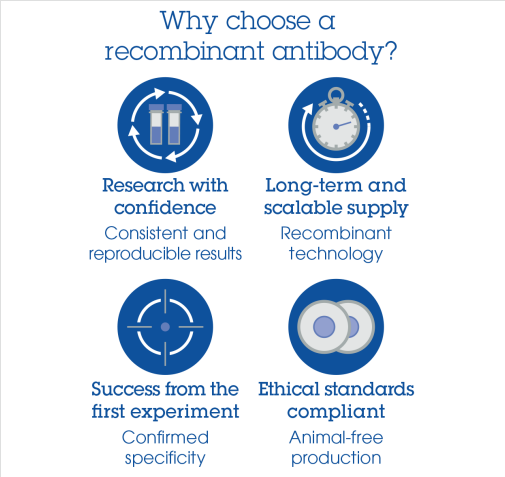


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

This image is courtesy of an abreview submitted by Carl Hobbs Kings's College London United Kingdom.

IHC-P image of FOX3/NeuN staining on mouse brain (frontal cortex) sections using **ab177487** (1/800). Sections were de-paraffinized and subjected to heat mediated antigen retrieval using citric acid. The sections were blocked using 1% BSA for 10 minutes at 21°C. **ab177487** was diluted 1/800 and incubated with the sections for 2 hours at 21°C. The secondary antibody used was goat polyclonal to rabbit IgG conjugated to biotin (1/250).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab177487**).



Anti-NeuN antibody [EPR12763] - BSA and Azide free (ab209898)

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