

Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control ab281590

重组

8 图像

概述

产品名称	小鼠IgG2b单克隆抗体[R311-MouseIgG2b]-同型对照
经测试应用	适用于: IHC-P, Flow Cyt, ICC/IF
免疫原	The details of the immunogen for this antibody are not available.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	R311-MouseIgG2b
同种型	IgG2b

应用

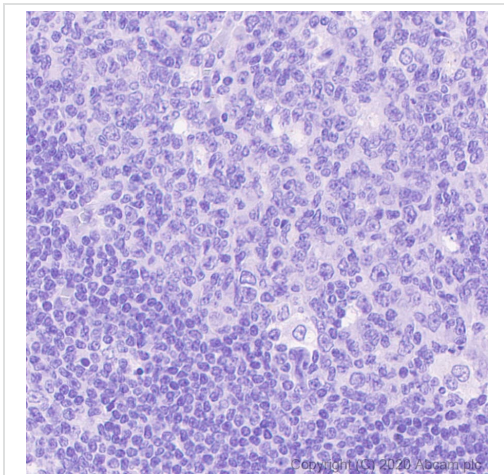
The Abpromise guarantee

Abpromise™ 承诺保证使用ab281590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-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt		1/500.
ICC/IF		1/20.

图片

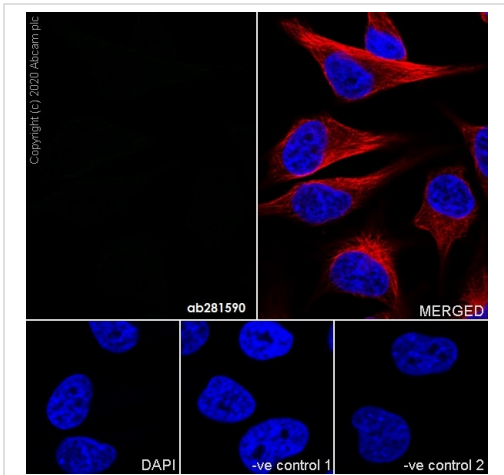


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control (ab281590)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling Mouse IgG2b with ab281590 at 1/200 dilution followed by a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) (**ab214879**). **Negative control:** No staining on human tonsil. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Goat Anti-Mouse IgG H&L (HRP polymer) (**ab214879**).

Heat mediated antigen retrieval using **ab93678** (citrate buffer, pH 6.0).



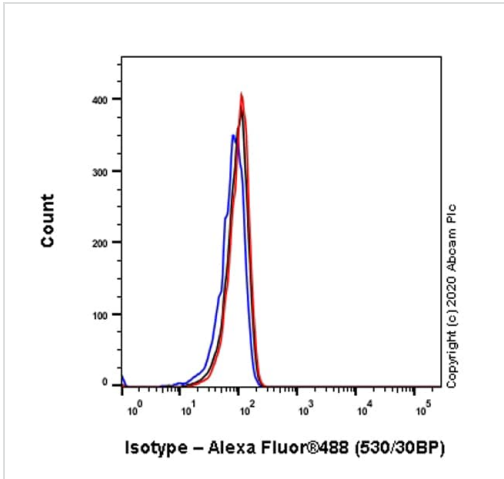
Immunocytochemistry/ Immunofluorescence - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control (ab281590)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells labelling Mouse IgG2b with ab281590 at 1/20 dilution, followed by **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor[®] 488) antibody at 1/1000 dilution (Green). **ab179513** Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution followed by **ab150080** Goat Anti-Rabbit IgG H&L (Alexa Fluor[®] 594) at 1/1000 dilution (Red). The nuclear counterstain was DAPI (Blue).

Confocal image showing **no staining** in HeLa cells.

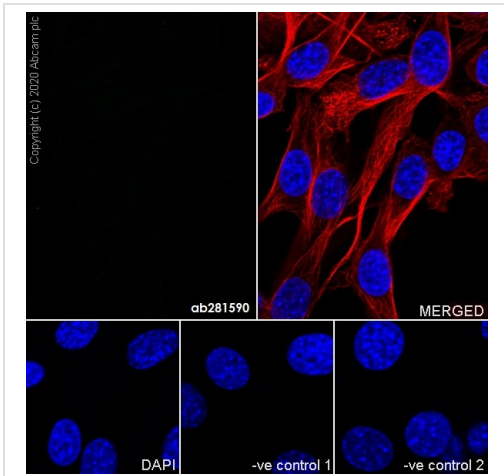
Negative control 1: ab281590 at a 1/20 dilution followed by **ab150113** at a 1/1000 dilution.

Negative control 2: **ab179513** at a 1/200 dilution followed by **ab150080** at a 1/1000 dilution.



Flow Cytometry - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control (ab281590)

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized HeLa (Human cervix adenocarcinoma epithelial cell) cells labelling Mouse IgG2b with ab281590 at 1/500 dilution (0.1 µg) (Red) compared with a Mouse (E7Q5L) mAb IgG2b Isotype Control (Black) and unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti mouse IgG (Alexa Fluor® 488, **ab150113**) at 1/2000 dilution was used as the secondary antibody.



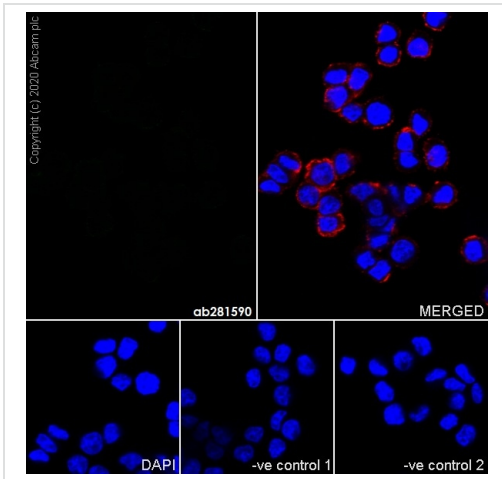
Immunocytochemistry/ Immunofluorescence - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control (ab281590)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized NIH/3T3 cells labelling Mouse IgG2b with ab281590 at 1/20 dilution, followed by **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). **ab179513** Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution followed by **ab150080** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 594) at 1/1000 dilution (Red). The nuclear counterstain was DAPI (Blue).

Confocal image showing **no staining** in NIH/3T3 cells.

Negative control 1: ab281590 at a 1/20 dilution followed by **ab150113** at a 1/1000 dilution.

Negative control 2: **ab179513** at a 1/200 dilution followed by **ab150080** at a 1/1000 dilution.



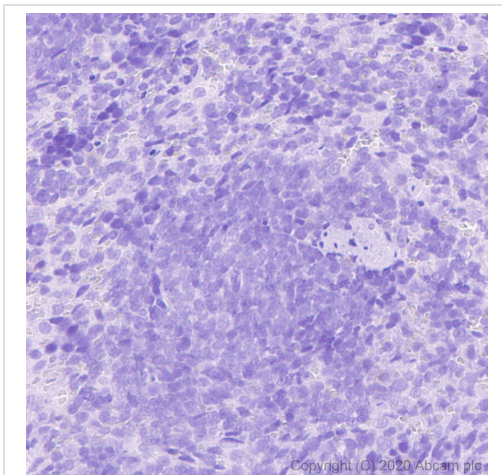
Immunocytochemistry/ Immunofluorescence -
 Mouse IgG2b monoclonal [R311-MouseIgG2b] -
 Isotype control (ab281590)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized PC-12 cells labelling Mouse IgG2b with ab281590 at 1/20 dilution, followed by **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor[®] 488) antibody at 1/1000 dilution (Green). **ab179513** Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution followed by **ab150080** Goat Anti-Rabbit IgG H&L (Alexa Fluor[®] 594) at 1/1000 dilution (Red). The nuclear counterstain was DAPI (Blue).

Confocal image showing **no staining** in PC-12 cells.

Negative control 1: ab281590 at a 1/20 dilution followed by **ab150113** at a 1/1000 dilution.

Negative control 2: **ab179513** at a 1/200 dilution followed by **ab150080** at a 1/1000 dilution.

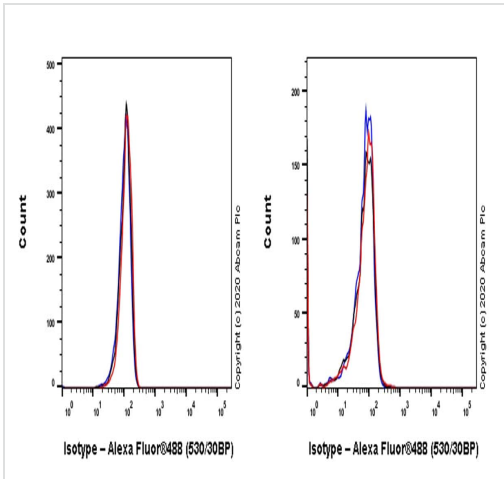


Immunohistochemistry (Formalin/PFA-fixed paraffin-
 embedded sections) - Mouse IgG2b monoclonal
 [R311-MouseIgG2b] - Isotype control (ab281590)

Immunohistochemical analysis of paraffin-embedded Rat spleen tissue labeling Mouse IgG2b with ab281590 at 1/200 dilution followed by a ready to use Goat Anti-Mouse IgG H&L (HRP polymer) (**ab214879**). **Negative control:** No staining on rat spleen. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Goat Anti-Mouse IgG H&L (HRP polymer) (**ab214879**).





Heat mediated antigen retrieval using **ab93678** (citrate buffer, pH 6.0).



Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized NIH/3T3 (Mouse embryonic fibroblast, Left) / PC-12 (Rat adrenal gland pheochromocytoma, Right) cells labelling Mouse IgG2b with ab281590 at 1/500 dilution (0.1µg) (Red) compared with a Mouse (E7Q5L) mAb IgG2b Isotype Control (Black) and unlabelled control (cells without incubation with primary antibody and secondary antibody)(Blue). A Goat anti mouse IgG (Alexa Fluor® 488, **ab150113**) at 1/2000 dilution was used as the secondary antibody.

Flow Cytometry - Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control (ab281590)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Mouse IgG2b monoclonal [R311-MouseIgG2b] - Isotype control (ab281590)

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