abcam

Product datasheet

Anti-MAP2 antibody [AP-20] ab11268

6 Abreviews 31 References 2 图像

概述

产品名称	Anti-MAP2抗体[AP-20]
描述	小鼠单克隆抗体[AP-20] to MAP2
宿主	Mouse
经测试应用	**适用于:** ICC/IF, IHC-P
种属反应性	**与反应:** Mouse
免疫原	Full length native protein (purified) corresponding to Cow MAP2.
阳性对照	ICC: Mouse Cell (Cortical neuron culture)
常规说明	This product was changed from ascites to tissue culture supernatant on 25th October 2016. The following lot(s) is/are from ascites and is still in stock as of 25th October 2016- GR143561. Lot numbers higher than GR143561 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly. Storage in frost-free freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
纯度	Proprietary Purification
纯化说明	Purified from Tissue culture supernatant.

克隆	单克隆
克隆编号	AP-20
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab11268于以下的经测试应用**

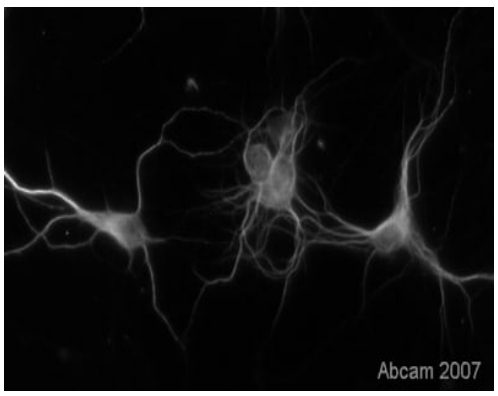
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.
IHC-P	★★★★☆ (1)	1/5000. Use at an assay dependent concentration.

靶标

功能	The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.
序列相似性	Contains 3 Tau/MAP repeats.
翻译后修饰	Phosphorylated at serine residues in K-X-G-S motifs by MAP/microtubule affinity-regulating kinase (MARK1 or MARK2), causing detachment from microtubules, and their disassembly (By similarity). Isoform 2 is probably phosphorylated by PKA at Ser-323, Ser-354 and Ser-386 and by FYN at Tyr-67.
细胞定位	Cytoplasm, cytoskeleton.

图片



Immunocytochemistry/ Immunofluorescence - Anti-MAP2 antibody [AP-20] (ab11268)

This image is courtesy of Randal Moldrich, Queensland Brain Institute, Australia

Mouse monoclonal [AP-20] to MAP2 - Neuronal Marker (ab11268) used at a dilution of 1/500 in Immunocytochemistry/Immunofluorescence on Mouse Cell (Cortical neuron culture). Fixative: Paraformaldehyde. Blocking step: 2% Serum incubated for 1 hour at RT. Secondary Antibody: Goat anti-mouse AlexaFluor 594 Conjugation: Alexa Fluor® 594; 1/1000

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAP2 antibody [AP-20] (ab11268)

This image is courtesy of Randal Moldrich, Queensland Brain Institute, Australia

ab11268 staining MAP2 in E16 mouse brain neocortex (bottom is dorsal) by immunohistochemistry. Free-floating sections were incubated with ab11268 (1/5000) for 2 hours at 21ºC. Bound antibody was detected using a biotinylated donkey anti-mouse IgG antibody. This image is courtesy of an Abreview submitted by Randal Moldrich, 6 March 2008.

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