

Anti-MAP2 antibody [AP-20] ab11268

★★★★★ [6 Abreviews](#) [31 References](#) [画像数 2](#)

製品の概要

製品名	Anti-MAP2 antibody [AP-20]
製品の詳細	Mouse monoclonal [AP-20] to MAP2
由来種	Mouse
アプリケーション	適用あり: ICC/IF, IHC-P
種交差性	交差種: Mouse
免疫原	Full length native protein (purified) corresponding to Cow MAP2.
ポジティブ・コントロール	ICC: Mouse Cell (Cortical neuron culture)
特記事項	<p>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.</p> <p>Storage in frost-free freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.</p> <p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Proprietary Purification
特記事項 (精製)	Purified from Tissue culture supernatant.

ポリ/モノ	モノクローナル
クローン名	AP-20
アイソタイプ	IgG1

アプリケーション

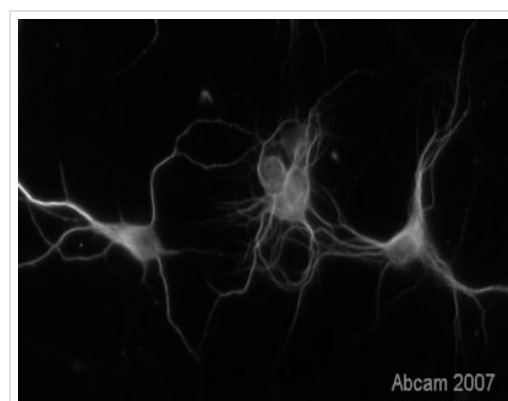
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab11268の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	1/5000. Use at an assay dependent concentration.

ターゲット情報

機能	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.
配列類似性	Contains 3 Tau/MAP repeats.
翻訳後修飾	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.
細胞内局在	Cytoplasm, cytoskeleton.

画像



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

Immunocytochemistry/ Immunofluorescence - 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 21°C. 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.

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

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

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