

Product datasheet

Anti-MAP2a + MAP2b antibody [MT-07] ab36447

★★★★★ 3 Abreviews 2 References 画像数 2

製品の概要

製品名	Anti-MAP2a + MAP2b antibody [MT-07]
製品の詳細	Mouse monoclonal [MT-07] to MAP2a + MAP2b
由来種	Mouse
特異性	ab36447 recognizes Microtubule associated protein 2ab (MAP2ab).
アプリケーション	適用あり: ELISA, IP, ICC, WB, IHC-Fr, IHC-P, ICC/IF
種交差性	交差種: Mouse, Rat, Human, Pig
免疫原	Full length native protein (purified) Microtubule protein enriched for kinesin
ポジティブ・コントロール	Porcine brain, Mouse brain, human neuroblastoma.

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. Avoid freeze / thaw cycles.
バッファー	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
精製度	Protein A purified
特記事項 (精製)	Purified from hybridoma culture supernatant: > 95% (by SDS-PAGE).
ポリ/モノ	モノクローナル
クローン名	MT-07
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab36447** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

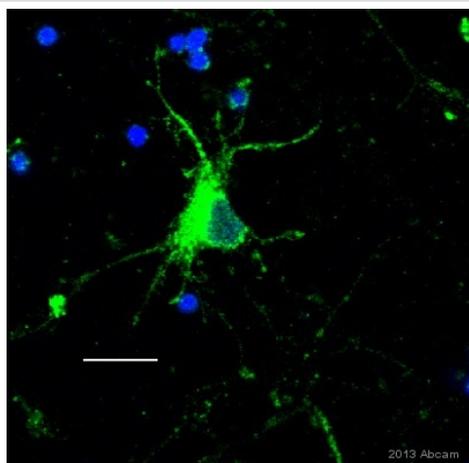
アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
ICC		Use a concentration of 5 µg/ml.
WB		Use a concentration of 2 - 5 µg/ml. Predicted molecular weight: 200 kDa.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use a concentration of 10 µg/ml.
ICC/IF	★★★★★	Use at an assay dependent concentration.

ターゲット情報

関連性	MAP2 is the major microtubule associated protein of brain tissue. There are three forms of MAP2; two are similarly sized with apparent molecular weights of 280 kDa (MAP2a and MAP2b) and the third with a lower molecular weight of 70 kDa (MAP2c). The expression of MAP2 is developmentally regulated and its multiple forms arise by alternative splicing of a single gene.
細胞内局在	Cytoplasm, cytoskeleton

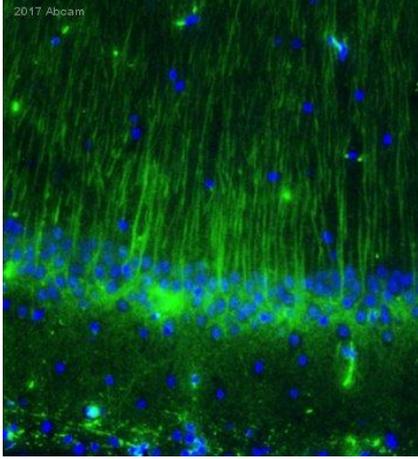
画像



ab36447 staining MAP2a + MAP2b in Rat cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with Formaldehyde + Methanol, permeabilized and blocked with 10% serum for 60 minutes at 21°C. Samples were incubated with primary antibody (1/400 in PBS) for 16 hours at 4°C. An Alexa Fluor®488-conjugated Goat anti-mouse polyclonal (1/800) was used as the secondary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-MAP2a + MAP2b antibody [MT-07] (ab36447)

This image is courtesy of an Abreview submitted by Ms Jen-Ling Wang



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAP2a + MAP2b antibody [MT-07] (ab36447)

This image is courtesy of an anonymous Abreview

ab36447 staining MAP2a + MAP2b in Mouse brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3.6% Vector MOM kit mouse Ig blocking reagent for 1 hour at 20°C; antigen retrieval was by heat mediation in a citrate buffer. Samples were incubated with primary antibody (1/200) for 16 hours at 4°C. An Alexa Fluor® 488-conjugated Donkey anti-mouse polyclonal (1/1000) was used as the secondary antibody.

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