


Anti-MAP2 (phospho S136) antibody [EPR2361] - BSA and Azide free ab247601

リコンビナント **RabMAb**

画像数 2

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-MAP2 (phospho S136) antibody [EPR2361] - BSA and Azide free |
| 製品の詳細 | Rabbit monoclonal [EPR2361] to MAP2 (phospho S136) - BSA and Azide free |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: IHC-P, WB, ICC/IF 適用なし: Flow Cyt |
| 種交差性 | 交差種: Mouse, Human 交差が予測される動物種: Rat  |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| ポジティブ・コントロール | ICC/IF: Mouse primary neuron + Alkaline Phosphatase cells |
| 特記事項 | <p>ab247601 is the carrier-free version of ab96378.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit</p> |

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

製品の特性

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|----------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| バッファー | pH: 7.2 Constituent: PBS |
| キャリア・フリー | はい |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |
| クローン名 | EPR2361 |
| アイソタイプ | IgG |

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ab247601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。

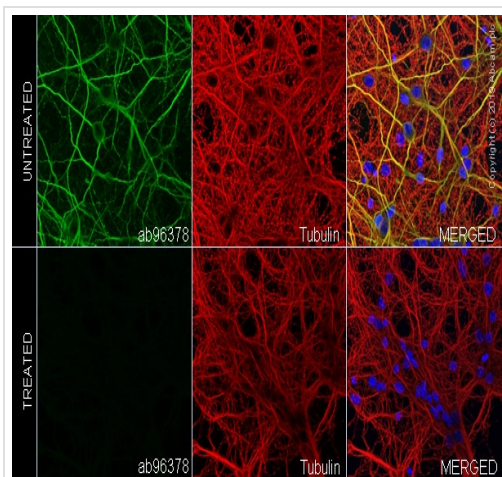
| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 200 kDa. |
| ICC/IF | | Use at an assay dependent concentration. |

追加情報 Is unsuitable for Flow Cyt.

ターゲット情報

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|-------|--|
| 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



Immunocytochemistry/ Immunofluorescence - Anti-MAP2 (phospho S136) antibody [EPR2361] - BSA and Azide free (ab247601)

Immunocytochemistry/ Immunofluorescence analysis of mouse primary neuron + Alkaline Phosphatase cells labeling MAP2 with purified **ab96378** at 1/500 (3 µg/mL). Cells were fixed in 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/mL). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1/1000 (2 µg/mL) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control. Confocal scanning Z step was set as 0.3 µm followed by image processing with maximum Z projection.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab96378**).

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-MAP2 (phospho S136) antibody [EPR2361] - BSA and Azide free (ab247601)

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