


Anti-CRMP4 antibody [EPR7593(B)] - BSA and Azide free ab248183

リコンビナント RabMAb

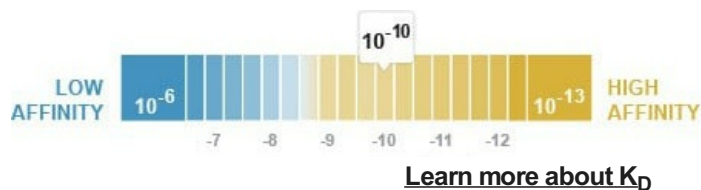
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製品の概要

製品名	Anti-CRMP4 antibody [EPR7593(B)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7593(B)] to CRMP4 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt or IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248183 is the carrier-free version of ab126787.</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 monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
解離定数 (K _D 値)	K _D = 7.50 x 10 ⁻¹⁰ M



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	EPR7593(B)
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ab248183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。

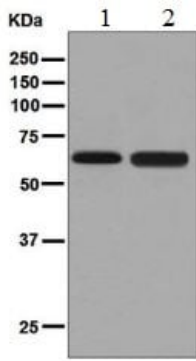
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 62 kDa (predicted molecular weight: 62 kDa).

追加情報 Is unsuitable for Flow Cyt or IHC-P.

ターゲット情報

機能	Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration.
組織特異性	Mainly expressed in heart and skeletal muscle. Also strongly expressed in fetal brain and spinal cord.
配列類似性	Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.
翻訳後修飾	Phosphorylation on Ser-522 by DYRK2 promotes subsequent phosphorylation on Thr-509, Thr-514 and Ser-518 by GSK3.
細胞内局在	Cytoplasm. Cell projection > growth cone. Colocalizes with synaptic vesicle protein 2 in the central region of the growth cone.

画像



Western blot - Anti-CRMP4 antibody [EPR7593(B)] - BSA and Azide free (ab248183)

All lanes : Anti-CRMP4 antibody [EPR7593(B)] ([ab126787](#)) at 1/1000 dilution

Lane 1 : Human hippocampus lysate

Lane 2 : Human fetal brain tissue lysate

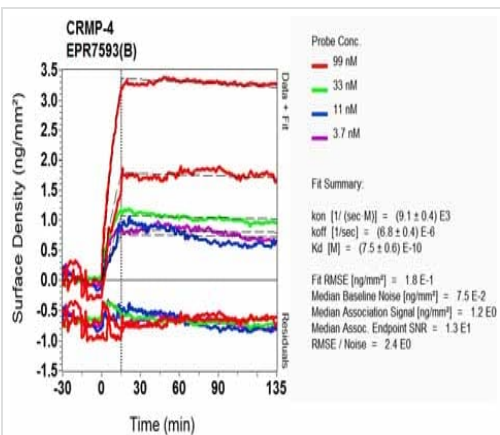
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 62 kDa

This data was developed using [ab126787](#), the same antibody clone in a different buffer formulation.



OIR-D Scanning - Anti-CRMP4 antibody [EPR7593(B)] - BSA and Azide free (ab248183)

This data was developed using [ab126787](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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

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