

Anti-Ephrin A1 antibody [EPR1785(2)] - BSA and Azide free ab248056

リコンビナント **RabMAb**

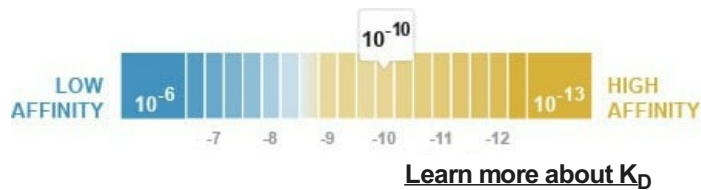
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製品の概要

製品名	Anti-Ephrin A1 antibody [EPR1785(2)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR1785(2)] to Ephrin A1 - 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, ICC/IF, IHC-P or IP
種交差性	交差種: Human 非交差種: Mouse, Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248056 is the carrier-free version of ab124911.</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>

製品の特徴

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 = 1.59 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	EPR1785(2)
アイソタイプ	IgG

アプリケーション

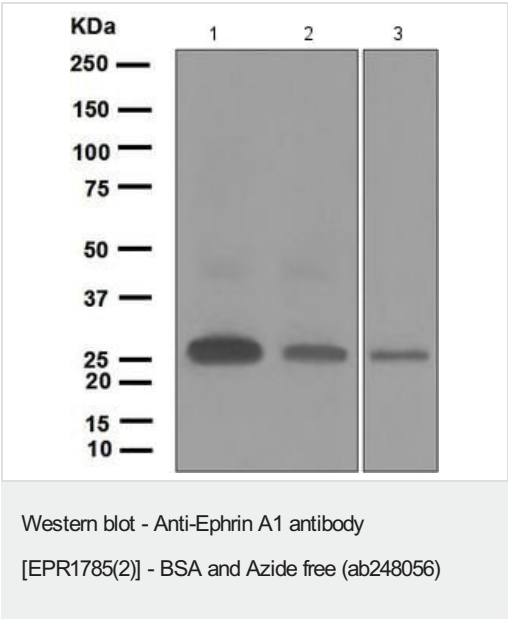
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab248056の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 24 kDa (predicted molecular weight: 24 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

ターゲット情報

機能	Plays an important role in angiogenesis and tumor neovascularization. The recruitment of VAV2, VAV3 and PI3-kinase p85 subunit by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly (By similarity). Exerts anti-oncogenic effects in tumor cells through activation and down-regulation of EPHA2. Activates EPHA2 by inducing tyrosine phosphorylation which leads to its internalization and degradation. Acts as a negative regulator in the tumorigenesis of gliomas by down-regulating EPHA2 and FAK. Can evoke collapse of embryonic neuronal growth cones.
組織特異性	Brain. Down-regulated in primary glioma tissues compared to the normal tissues. The soluble monomeric form is expressed in the glioblastoma multiforme (GBM) and breast cancer cells (at protein level).
配列類似性	Belongs to the ephrin family.
翻訳後修飾	Undergo proteolysis by a metalloprotease to give rise to a soluble monomeric form.
細胞内局在	Secreted and Cell membrane.



All lanes : Anti-Ephrin A1 antibody [EPR1785(2)] ([ab124911](#)) at 1/1000 dilution

Lane 1 : HUVEC cell lysate, treated with TNF alpha

Lane 2 : HUVEC cell lysate

Lane 3 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.

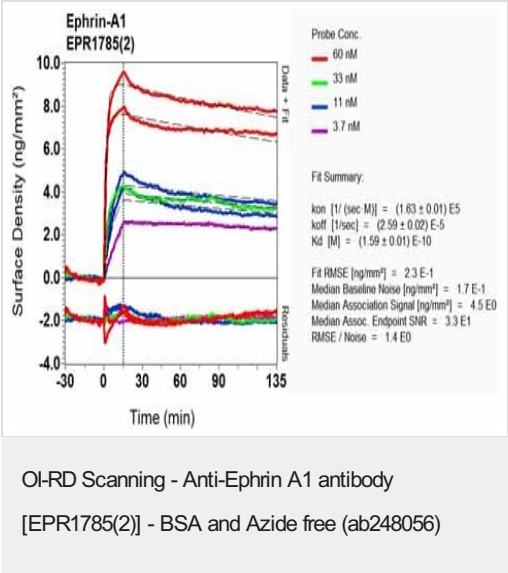
Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa

This data was developed using [ab124911](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab124911](#), 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

Anti-Ephrin A1 antibody [EPR1785(2)] - BSA and Azide free (ab248056)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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