

Anti-Eph receptor B3 antibody [EPR8280] ab133742

リコンビナント RabMAb[®]

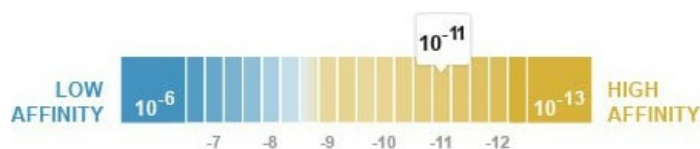
4 References [画像数 6](#)

製品の概要

製品名	Anti-Eph receptor B3 antibody [EPR8280]
製品の詳細	Rabbit monoclonal [EPR8280] to Eph receptor B3
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF 適用なし: Flow Cyt or IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Eph receptor B3 aa 100-200 (extracellular). The exact sequence is proprietary.
ポジティブ・コントロール	WB: Jurkat, HepG2, HeLa, MOLT4, NIH3T3, Rat-1 and C6 cell lysates. Rat spinal cord tissue lysate; ICC/IF: Jurkat and HeLa cells.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
解離定数 (K _D 値)	K _D = 5.70 x 10 ⁻¹¹ M



[Learn more about K_D](#)

バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR8280
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ab133742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。

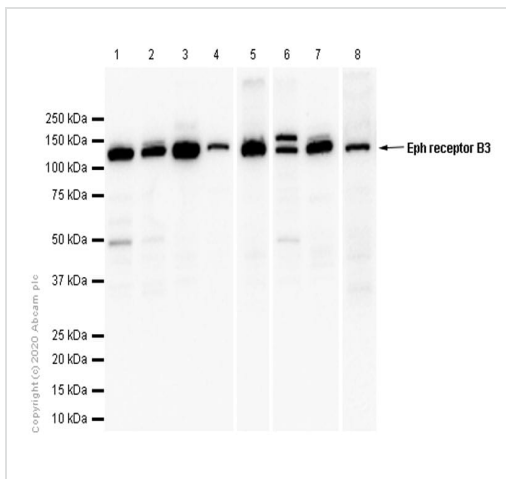
アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 110 kDa (predicted molecular weight: 110 kDa). For unpurified use at 1/1000 - 1/10000.
ICC/IF		1/50. For unpurified use at 1/100 - 1/250.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	Receptor for members of the ephrin-B family. Binds to ephrin-B1 and -B2.
組織特異性	Ubiquitous.
配列類似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily. Contains 2 fibronectin type-III domains. Contains 1 protein kinase domain. Contains 1 SAM (sterile alpha motif) domain.
細胞内局在	Membrane.

画像



Western blot - Anti-Eph receptor B3 antibody [EPR8280] (ab133742)

All lanes : Anti-Eph receptor B3 antibody [EPR8280] (ab133742) at 1/1000 dilution (Purified)

Lane 1 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysates

Lane 2 : MOLT-4 (Human lymphoblastic leukemia T lymphoblast) whole cell lysates

Lane 3 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 4 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 5 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysates

Lane 6 : C6 (Rat glial tumor glial cell) whole cell lysates

Lane 7 : Rat spinal cord lysates

Lane 8 : Rat-1 (Rat embryonic fibroblast) whole cell lysates

Lysates/proteins at 20 µg per lane.

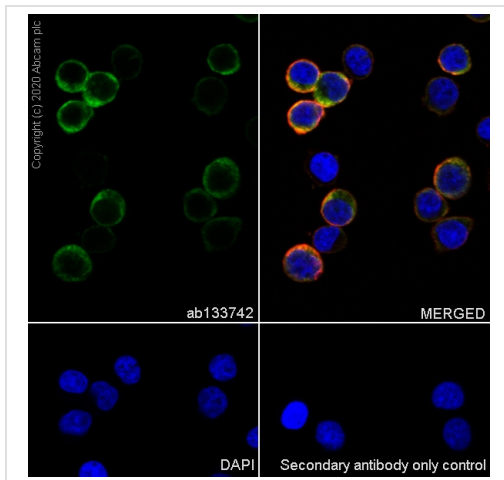
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 110 kDa

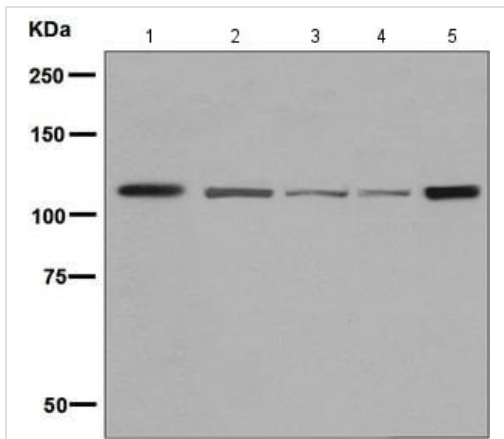
Observed band size: 110 kDa

Blocking/Diluting buffer: 5% NFDm/TBST



Immunocytochemistry/ Immunofluorescence - Anti-Eph receptor B3 antibody [EPR8280] (ab133742)

Immunocytochemistry/ Immunofluorescence analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling Eph receptor B3 with Purified ab133742 at 1/50 dilution (5.14 µg/mL). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-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.



Western blot - Anti-Eph receptor B3 antibody [EPR8280] (ab133742)

All lanes : Anti-Eph receptor B3 antibody [EPR8280] (ab133742) at 1/1000 dilution (unpurified)

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : MOLT4 cell lysate

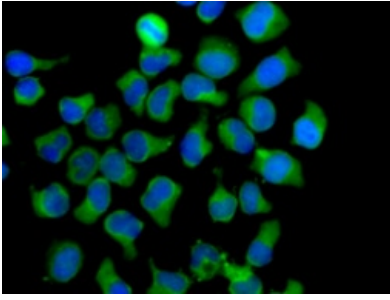
Lane 5 : NIH3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

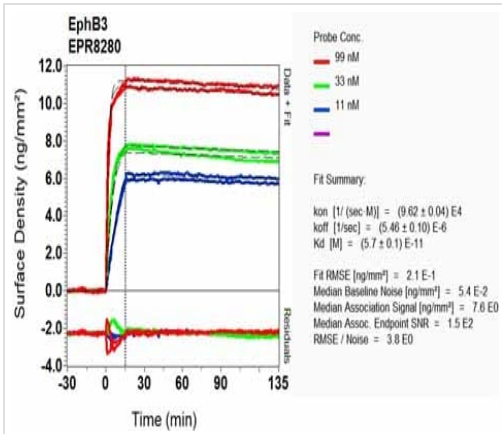
All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 110 kDa



Immunocytochemical analysis of HeLa cells labelling Eph receptor B3 with unpurified ab133742 at 1/100.

Immunocytochemistry/ Immunofluorescence - Anti-Eph receptor B3 antibody [EPR8280] (ab133742)



Equilibrium dissociation constant (K_D)

Learn more about K_D

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

SPR Scanning - Anti-Eph receptor B3 antibody [EPR8280] (ab133742)

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-Eph receptor B3 antibody [EPR8280] (ab133742)

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

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