

Anti-RAB7B antibody [EPR15727] ab193360

リコンビナント RabMAb

画像数 6

製品の概要

製品名	Anti-RAB7B antibody [EPR15727]
製品の詳細	Rabbit monoclonal [EPR15727] to RAB7B
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, IHC-P
種交差性	交差種: Mouse, Human
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	THP-1, 293, U937 and NIH/3T3 cell lysates; Human skeletal muscle and prostatic hyperplasia tissues; U937 cells.
特記事項	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 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	EPR15727
アイソタイプ	IgG

アプリケーション

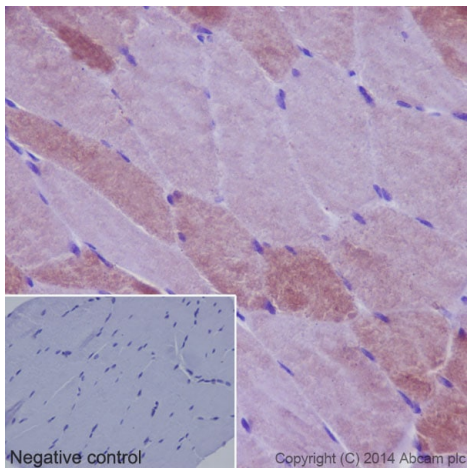
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab193360の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/270. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/2000. Detects a band of approximately 23 kDa (predicted molecular weight: 23 kDa).
IHC-P		1/150. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ターゲット情報

機能	Controls vesicular trafficking from endosomes to the trans-Golgi network (TGN). Acts as a negative regulator of TLR9 signaling and can suppress TLR9-triggered TNFA, IL6, and IFNB production in macrophages by promoting TLR9 lysosomal degradation. Also negatively regulates TLR4 signaling in macrophages by promoting lysosomal degradation of TLR4. Promotes megakaryocytic differentiation by increasing NF-kappa-B-dependent IL6 production and subsequently enhancing the association of STAT3 with GATA1. Not involved in the regulation of the EGF- and EGFR degradation pathway.
組織特異性	Expressed in heart, placenta, lung, skeletal muscle and peripheral blood leukocyte.
配列類似性	Belongs to the small GTPase superfamily. Rab family.
細胞内局在	Late endosome. Lysosome. Golgi apparatus > trans-Golgi network. Golgi apparatus.

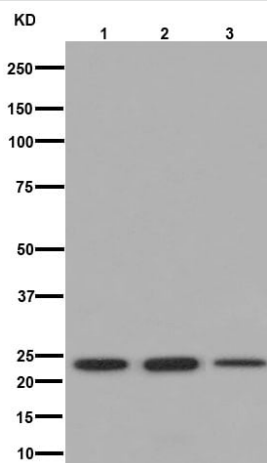
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAB7B antibody [EPR15727] (ab193360)

Immunohistochemical analysis of paraffin-embedded Human skeletal muscle tissue labeling RAB7B with ab193360 at 1/150 dilution, followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Western blot - Anti-RAB7B antibody [EPR15727] (ab193360)

All lanes : Anti-RAB7B antibody [EPR15727] (ab193360) at 1/1000 dilution

Lane 1 : THP-1 cell lysate

Lane 2 : 293 cell lysate

Lane 3 : U937 cell lysate

Lysates/proteins at 20 µg per lane.

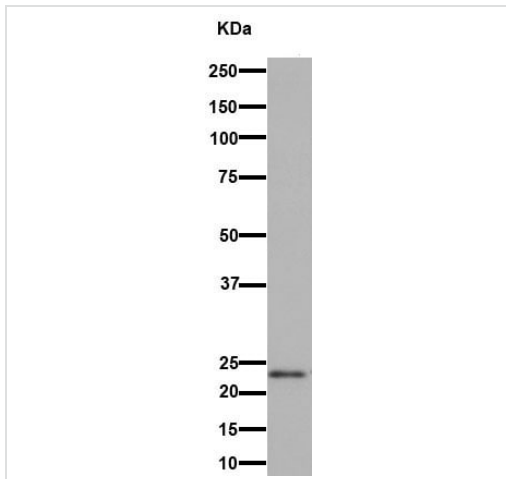
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 23 kDa

Observed band size: 23 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-RAB7B antibody [EPR15727] (ab193360)

Anti-RAB7B antibody [EPR15727] (ab193360) at 1/1000 dilution + NIH/3T3 cell lysate at 10 µg

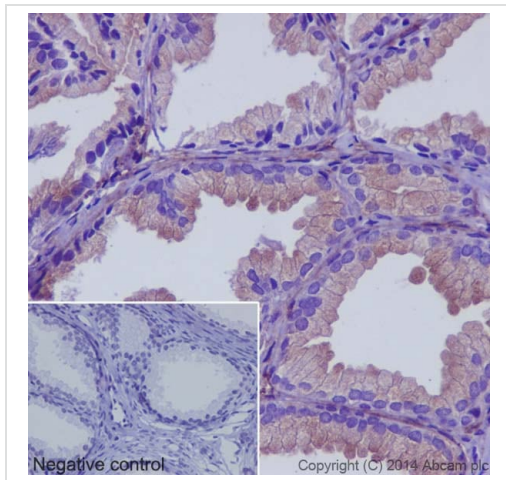
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

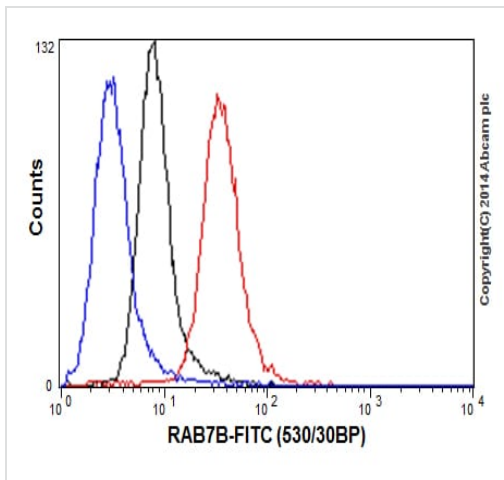
Predicted band size: 23 kDa

Observed band size: 23 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.







Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAB7B antibody [EPR15727] (ab193360)



Flow Cytometry (Intracellular) - Anti-RAB7B antibody
[EPR15727] (ab193360)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed U937 cells labeling RAB7B with ab193360 at 1/270 dilution (red) compared with a rabbit monoclonal IgG isotype control (black) and a unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.

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-RAB7B antibody [EPR15727] (ab193360)

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

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