

Rab7B Rabbit mAb

Catalog No: #52539

Package Size: #52539-1 50ul #52539-2 100ul

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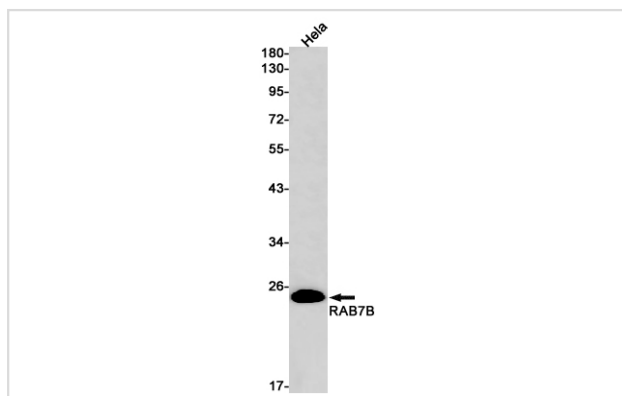
Description

Product Name	Rab7B Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-2C5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	A synthetic peptide of human RAB7B
Conjugates	Unconjugated
Modification	Unmodification
Other Names	RAB7
Accession No.	Swiss-Prot:Q96AH8GeneID:338382
Uniprot	Q96AH8
GeneID	338382
Calculated MW	Calculated MW: 23 kDa; Observed MW: 23 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of RAB7B in HeLa cell lysates using RAB7B Rabbit mAb(1:1000 diluted).Predicted band size:23kDa.Observed band size:23kDa.

Background

Swiss-Prot Acc.Q96AH8.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.

Note: This product is for in vitro research use only