

# Rab7B Rabbit mAb

Catalog # AP75990

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q96AH8</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	22511

## Additional Information

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<b>Gene ID</b>	338382
<b>Other Names</b>	RAB7B
<b>Dilution</b>	WB~1/500-1/1000
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

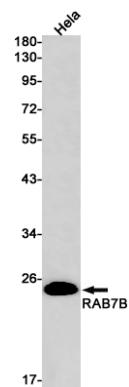
## Protein Information

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<b>Name</b>	RAB7B
<b>Function</b>	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.
<b>Cellular Location</b>	Late endosome. Lysosome Golgi apparatus. Golgi apparatus, trans- Golgi network. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Note=Recruited to phagosomes containing <i>S.aureus</i> or <i>M.tuberculosis</i> .
<b>Tissue Location</b>	Expressed in heart, placenta, lung, skeletal muscle and peripheral blood leukocyte.

## Images

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