

Product datasheet

Anti-RAB11B antibody [KT80] ab95375

★★★★☆ [3 Abreviews](#) [9 References](#)

Overview

Product name	Anti-RAB11B antibody [KT80]
Description	Rat monoclonal [KT80] to RAB11B
Host species	Rat
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant full length protein corresponding to Mouse RAB11B. Database link: P46638

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	ab95375 is purified from culture supernatants using a Protein G column.
Clonality	Monoclonal
Clone number	KT80
Isotype	IgG2a

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab95375 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100.
WB	★★★★★ (2)	1/500 - 1/10000. Predicted molecular weight: 24 kDa.

Target

Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab plays a role in endocytic recycling, regulating apical recycling of several transmembrane proteins including cystic fibrosis transmembrane conductance regulator/CFTR, epithelial sodium channel/ENaC, potassium voltage-gated channel, and voltage-dependent L-type calcium channel. May also regulate constitutive and regulated secretion, like insulin granule exocytosis. Required for melanosome transport and release from melanocytes. Also regulates V-ATPase intracellular transport in response to extracellular acidosis.
Sequence similarities	Belongs to the small GTPase superfamily. Rab family.
Post-translational modifications	Citrullinated by PAD4.
Cellular localization	Recycling endosome membrane. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Cytoplasmic vesicle, phagosome membrane. Recruited to phagosomes containing S.aureus.

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

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