



Datasheet for ABIN4913385  
**anti-RAB1B antibody**



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1 Image

Overview

Quantity:	100 µL
Target:	RAB1B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB1B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This RAB1B antibody is generated from a mouse immunized with a recombinant protein between 1-201 amino acids from human RAB1B.
Clone:	3C3
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	RAB1B
Alternative Name:	RAB1B ( <a href="#">RAB1B Products</a> )
Background:	Synonyms: Ras-related protein Rab-1B, RAB1B

## Target Details

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Background: 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. RAB1B regulates vesicular transport between the endoplasmic reticulum and successive Golgi compartments. Plays a role in the initial events of the autophagic vacuole development which take place at specialized regions of the endoplasmic reticulum.

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Gene ID: 81876

UniProt: [Q9H0U4](#)

## Application Details

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Application Notes: WB 1:300-5000  
FCM 1:20-100

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

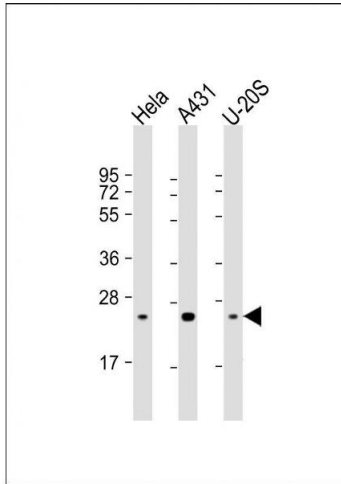
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



### Western Blotting

**Image 1.** Lane 1: HeLa Cell lysates, Lane 2: A431 Cell lysates, Lane 3: U-20S Cell lysates, probed with RAB1B (1673CT667.16.73) Monoclonal Antibody, unconjugated (bsm-51363M) at 1:4000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.