Recombinant Rab7 Monoclonal Antibody

catalog number: **AN301857L**

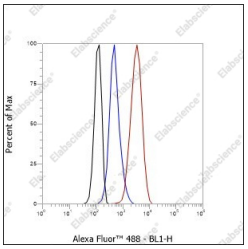
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

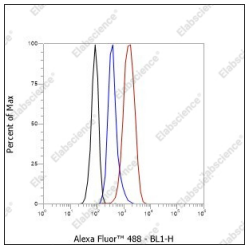
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Rab7 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111479
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50
IP	1:50-1:100
FCM	1:50

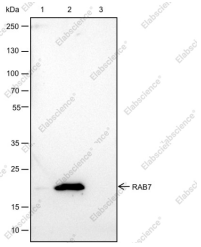
Data

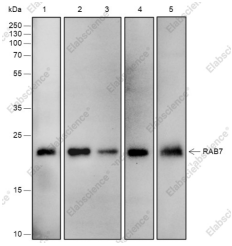


Flow cytometric analysis of human Rab7 expression on A431 cells. Cells were stained with purified anti-Human Rab7, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Flow cytometric analysis of human Rab7 expression on NIH/3T3 cells. Cells were stained with purified anti-Human Rab7, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.





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Immunoprecipitation analysis using anti-Rab7 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using Rab7 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: Rab7 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

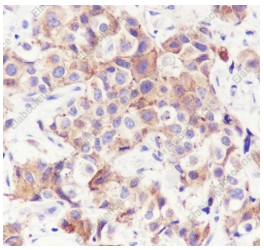
Observed-MW:23 kDa

Calculated-MW:23 kDa

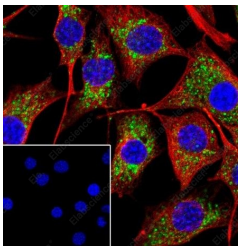
Western Blot with Rab7 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: A431, Lane 3: MCF-7, Lane 4: NIH/3T3, Lane 5: C6

Observed-MW:23 kDa

Calculated-MW:23 kDa



Immunohistochemistry of paraffin-embedded Human breast carcinoma using Rab7 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH/3T3 cells using anti-Rab7 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

RAB7, also named as RAB7A, belongs to the small GTPase superfamily and Rab family. It is involved in late endocytic transport. RAB7 contributes to the maturation of phagosomes (acidification). Defects in RAB7 are the cause of Charcot-Marie-Tooth disease type 2B (CMT2B).

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