

Recombinant Rab7 Monoclonal Antibody

catalog number: **AN301857L**

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

Description

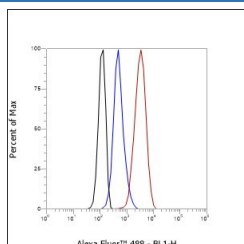
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human Rab7 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C111479
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

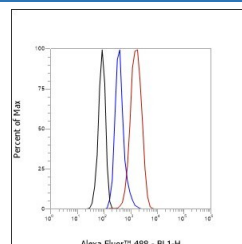
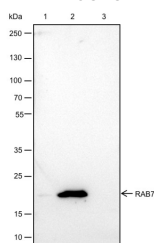
Recommended Dilution

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

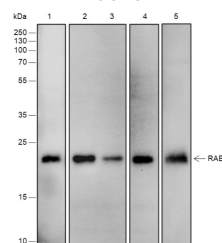
Data



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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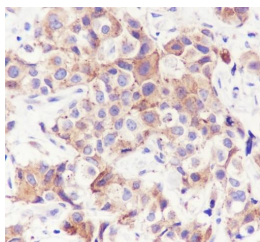
Rev. V1.2

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

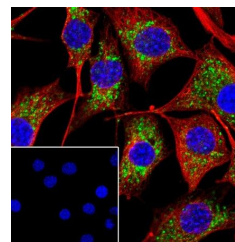


Immunohistochemistry of paraffin-embedded Human breast carcinoma using Rab7 Monoclonal Antibody at dilution of 1:100.

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



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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