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# **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

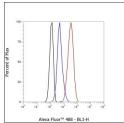
HostRabbitIsotypeIgG,  $\kappa$ CloneA569

Purification Protein A purified

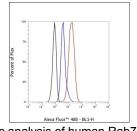
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

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

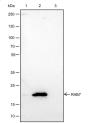
#### Data



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.

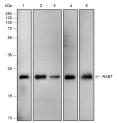


Flow cytometric analysis of human Rab7 expression on NIH/3T3 cells. Cells were stained with purified anti-Human Rab7, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



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

Rev. V1.1

# For Research Use Only

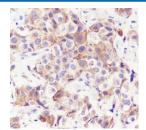
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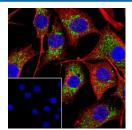
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Immunohistochemistry of paraffin-embedded Human breast Immunofluorescent analysis of (4% Paraformaldehyde) fixed carcinoma using Rab7 Monoclonal Antibody at dilution of NIH/3T3 cells using anti-Rab7 Monoclonal Antibody at dilution of 1:50.

# **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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