

RAB7B Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RAB7B.****Catalog # AT3533a****Specification**

RAB7B Antibody (monoclonal) (M01) - Product Information

Application	WB, IP, E
Primary Accession	Q96AH8
Other Accession	NM_177403
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	22511

RAB7B Antibody (monoclonal) (M01) - Additional Information**Gene ID** 338382**Other Names**

Ras-related protein Rab-7b, RAB7B

Target/Specificity

RAB7B (NP_796377, 100 a.a. ~ 199 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IP~~N/A

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

RAB7B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

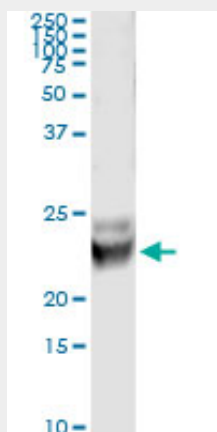
RAB7B Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

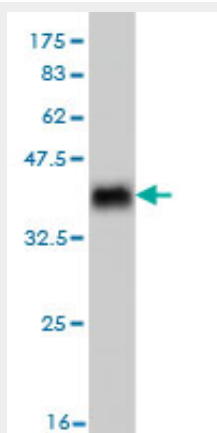
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

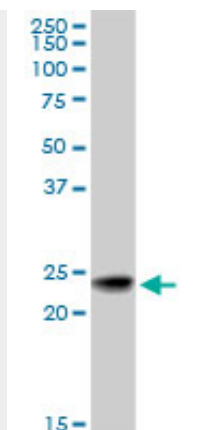
RAB7B Antibody (monoclonal) (M01) - Images



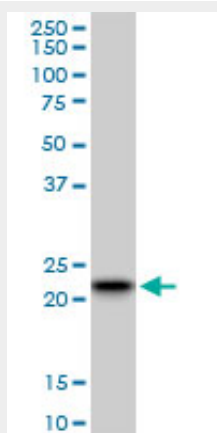
Immunoprecipitation of RAB7B transfected lysate using anti-RAB7B monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with RAB7B MaxPab rabbit polyclonal antibody.



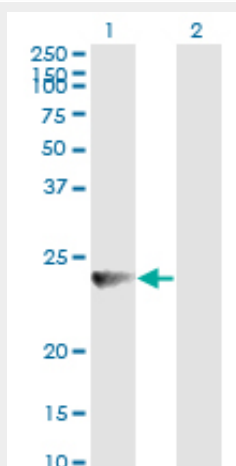
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



RAB7B monoclonal antibody (M01), clone 3B3. Western Blot analysis of RAB7B expression in human kidney.

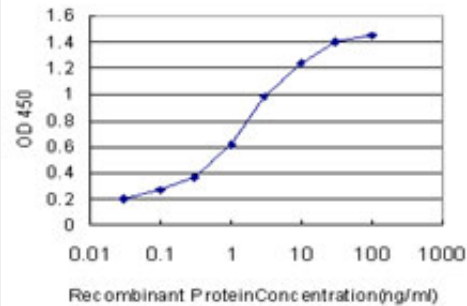


RAB7B monoclonal antibody (M01), clone 3B3. Western Blot analysis of RAB7B expression in A-431((Cat # AT3533a)



Western Blot analysis of RAB7B expression in transfected 293T cell line by RAB7B monoclonal antibody (M01), clone 3B3.

Lane 1: RAB7B transfected lysate(22.5 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged RAB7B is approximately 0.03ng/ml as a capture antibody.

RAB7B Antibody (monoclonal) (M01) - References

1. Clathrin-dependent mechanisms modulate the subcellular distribution of class C Vps/HOPS tether subunits in polarized and nonpolarized cells. Zlatic SA, Tornieri K, L'hernault SW, Faundez V. *Mol Biol Cell*. 2011 May;22(10):1699-715. Epub 2011 Mar 16.

2. Abnormal localization of leucine-rich repeat kinase 2 to the endosomal-lysosomal compartment in lewy body disease. Higashi S, Moore DJ, Yamamoto R, Minegishi M, Sato K, Togo T, Katsuse O, Uchikado H, Furukawa Y, Hino H, Kosaka K, Emson PC, Wada K, Dawson VL, Dawson TM, Arai H, Iseki E. *J Neuropathol Exp Neurol*. 2009 Sep;68(9):994-1005.

3. GIGYF2 is present in endosomal compartments in the mammalian brains and enhances IGF-1-induced ERK1/2 activation. Higashi S, Iseki E, Minegishi M, Togo T, Kabuta T, Wada K. *J Neurochem*. 2010 Jul 28. [Epub ahead of print].

4. SPE-39 Family Proteins Interact with the HOPS Complex and Function in Lysosomal Delivery. Zhu GD, Salazar G, Zlatic SA, Fiza B, Doucette MM, Heilman CJ, Levey AI, Faundez V, L'hernault SW. *Mol Biol Cell*. 2009 Feb;20(4):1223-1240. Epub 2008 Dec 24.