

RAB9A Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RAB9A.****Catalog # AT3536a****Specification**

RAB9A Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	P51151
Other Accession	NM_004251
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	22838

RAB9A Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9367**Other Names**

Ras-related protein Rab-9A, RAB9A, RAB9

Target/Specificity

RAB9A (NP_004242, 17 a.a. ~ 115 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

RAB9A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

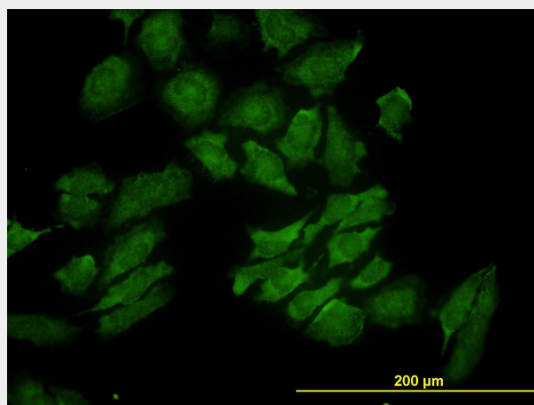
RAB9A Antibody (monoclonal) (M01) - Protocols

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

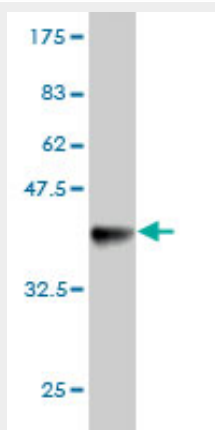
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

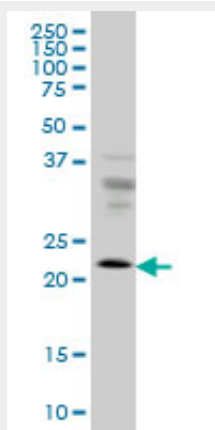
RAB9A Antibody (monoclonal) (M01) - Images



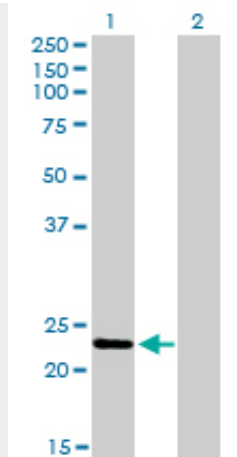
Immunofluorescence of monoclonal antibody to RAB9A on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



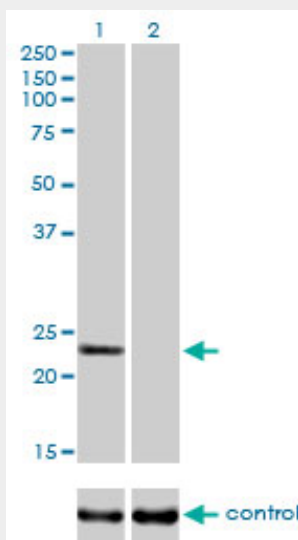
RAB9A monoclonal antibody (M01), clone 1E12 Western Blot analysis of RAB9A expression in HeLa ((Cat # AT3536a)



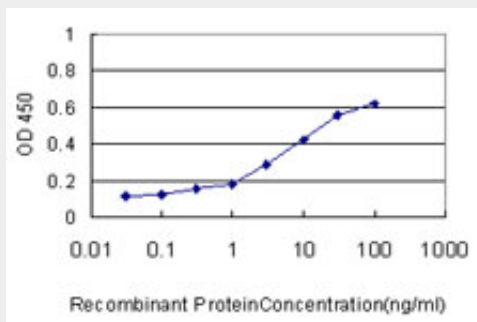
Western Blot analysis of RAB9A expression in transfected 293T cell line by RAB9A monoclonal antibody (M01), clone 1E12.

Lane 1: RAB9A transfected lysate(22.8 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of RAB9A over-expressed 293 cell line, cotransfected with RAB9A Validated Chimera RNAi (Cat # AT3536a)



Detection limit for recombinant GST tagged RAB9A is approximately 0.1ng/ml as a capture antibody.

RAB9A Antibody (monoclonal) (M01) - References

Involvement of Rab9 and Rab11 in the intracellular trafficking of TRPC6. Cayouette S, et al. Biochim Biophys Acta, 2010 Jul. PMID 20346379. Assembly of the biogenesis of lysosome-related organelles complex-3 (BLOC-3) and its interaction with Rab9. Kloer DP, et al. J Biol Chem, 2010 Mar 5. PMID 20048159. Human copper transporter 1 lacking O-linked glycosylation is proteolytically cleaved in a Rab9-positive endosomal compartment. Maryon EB, et al. J Biol Chem, 2009 Oct 9. PMID 19684018. RhoBTB3: a Rho GTPase-family ATPase required for endosome to Golgi transport. Espinosa EJ, et al. Cell, 2009 May 29. PMID 19490898. Vaccinia virus p37 interacts with host proteins associated with LE-derived transport vesicle biogenesis. Chen Y, et al. Virol J, 2009 Apr 28. PMID 19400954.