

RHOJ Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RHOJ.

Catalog # AT3639a

Product Information

Application	WB, IF, E
Primary Accession	Q9H4E5
Other Accession	BC062575
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 lambda
Clone Names	1E5
Calculated MW	23821

Additional Information

Gene ID	57381
Other Names	Rho-related GTP-binding protein RhoJ, Ras-like protein family member 7B, Tc10-like GTP-binding protein, RHOJ, ARHJ, RASL7B, RHOI, TCL
Target/Specificity	RHOJ (AAH62575, 1 a.a. ~ 214 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 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	RHOJ Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

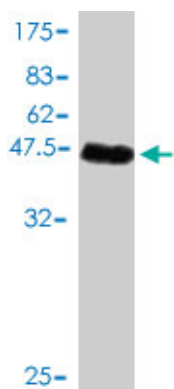
ARHJ belongs to the Rho family of small GTP-binding proteins. Rho proteins regulate the dynamic assembly of cytoskeletal components for several physiologic processes, such as cell proliferation and motility and the establishment of cell polarity. They are also involved in pathophysiologic process, such as cell transformation and metastasis.

References

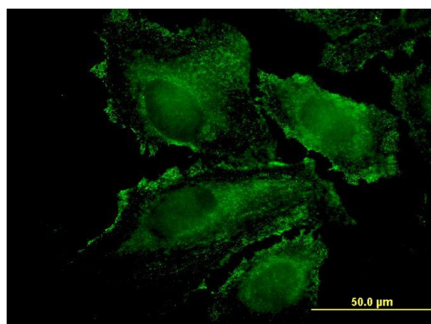
1.RhoJ and Pak Kinases Regulate Melanoma Chemoresistance by Suppressing Pathways that Sense DNA Damage.Ho H, Aruri J, Kapadia R, Mehr H, White MA, Ganesan AK.Cancer Res. 2012 Sep 12. [Epub ahead of

print]2.Sema3E-PlexinD1 signaling selectively suppresses disoriented angiogenesis in ischemic retinopathy in mice.Fukushima Y, Okada M, Kataoka H, Hirashima M, Yoshida Y, Mann F, Gomi F, Nishida K, Nishikawa S, Uemura A.J Clin Invest. 2011 May 2;121(5):1974-85. doi: 10.1172/JCI44900. Epub 2011 Apr 18.

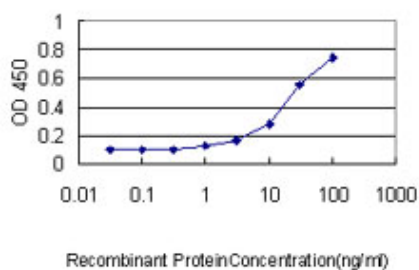
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (49.28 KDa) .



Immunofluorescence of monoclonal antibody to RHOJ on HeLa cell. [antibody concentration 60 ug/ml]



Detection limit for recombinant GST tagged RHOJ is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.