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RHOJ Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RHOJ.
Catalog # AT3639a

Specification

RHOJ Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	Q9H4E5
Other Accession	BC062575
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 lambda**
Calculated MW	**23821**

RHOJ Antibody (monoclonal) (M01) - 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

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.

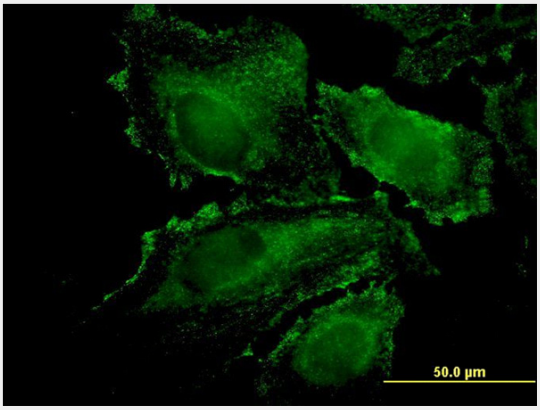
RHOJ Antibody (monoclonal) (M01) - Protocols

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

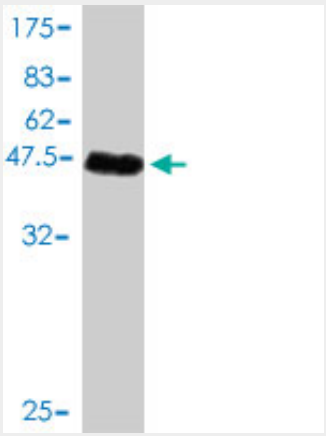
- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

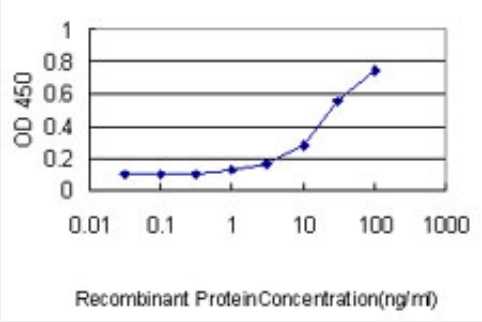
RHOJ Antibody (monoclonal) (M01) - Images



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



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



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

RHOJ Antibody (monoclonal) (M01) - 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.

RHOJ Antibody (monoclonal) (M01) - 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.