

## 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 | <a href="#">Q9H4E5</a>   |
| Other Accession   | <a href="#">BC062575</a> |
| 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 .

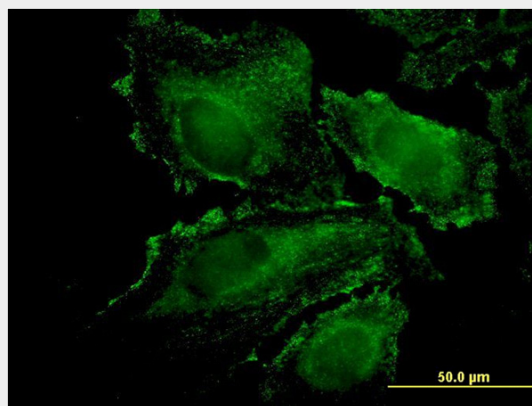
#### Storage

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

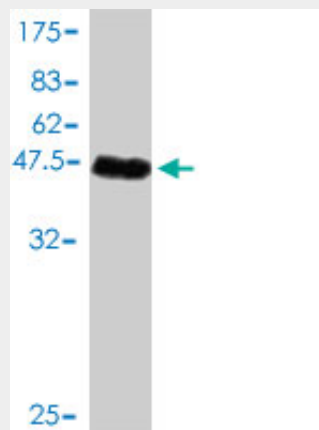
#### Precautions

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

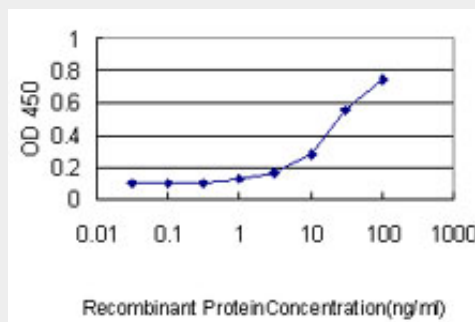
#### RHOJ Antibody (monoclonal) (M01) -



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

## 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](#)

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.