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ARHGAP6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ARHGAP6.
Catalog # AT1180a

Specification

ARHGAP6 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O43182
Other Accession	NM_013427
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**105947**

ARHGAP6 Antibody (monoclonal) (M01) - Additional Information

Gene ID 395

Other Names
Rho GTPase-activating protein 6, Rho-type GTPase-activating protein 6, Rho-type GTPase-activating protein RhoGAPX-1, ARHGAP6, RHOGAP6

Target/Specificity
ARHGAP6 (NP_038286, 531 a.a. ~ 636 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
ARHGAP6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

ARHGAP6 Antibody (monoclonal) (M01) - Protocols

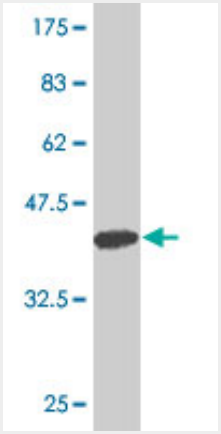
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

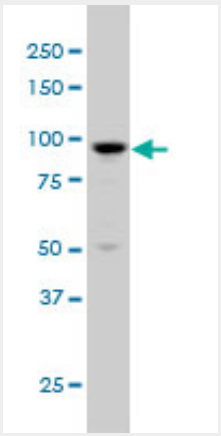
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

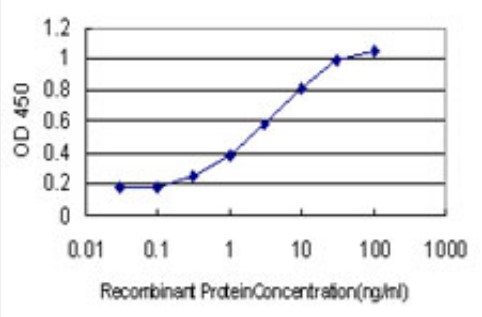
ARHGAP6 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.4 KDa) .



ARHGAP6 monoclonal antibody (M01), clone 6B3 Western Blot analysis of ARHGAP6 expression in K-562 ((Cat # AT1180a)



Detection limit for recombinant GST tagged ARHGAP6 is approximately 0.3ng/ml as a capture antibody.

ARHGAP6 Antibody (monoclonal) (M01) - Background

This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes. This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

ARHGAP6 Antibody (monoclonal) (M01) - References

1.Genetic screening in C. Elegans identifies rho- GTPase activating protein 6 as novel HERG regulator.Potet F, Petersen CI, Boutaud O, Shuai W, Stepanovic SZ, Balser JR, Kupershmidt S.J Mol Cell Cardiol. 2009 Feb;46(2):257-67. Epub 2008 Nov 5.