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RRAS Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RRAS.
Catalog # AT3727a

Specification

RRAS Antibody (monoclonal) (M01) - Product Information

Application	**IP, WB, E**
Primary Accession	P10301
Other Accession	BC016286
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**23480**

RRAS Antibody (monoclonal) (M01) - Additional Information

Gene ID 6237

Other Names
Ras-related protein R-Ras, p23, RRAS

Target/Specificity
RRAS (AAH16286, 109 a.a. ~ 218 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
RRAS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

RRAS Antibody (monoclonal) (M01) - Protocols

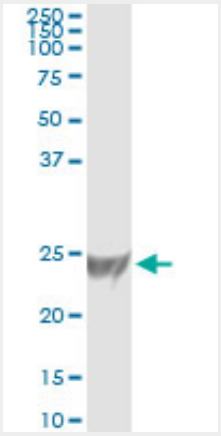
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

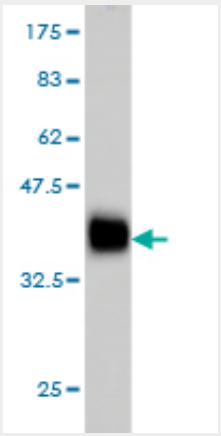
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

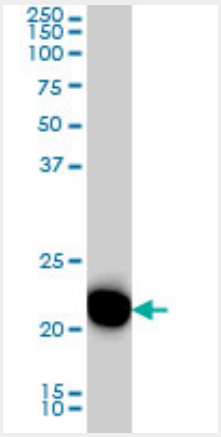
RRAS Antibody (monoclonal) (M01) - Images



Immunoprecipitation of RRAS transfected lysate using anti-RRAS monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with RRAS MaxPab rabbit polyclonal antibody.

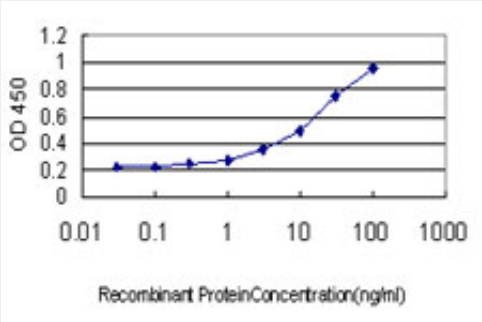


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



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RRAS monoclonal antibody (M01), clone 2E12 Western Blot analysis of RRAS expression in HeLa ((Cat # AT3727a)



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

RRAS Antibody (monoclonal) (M01) - References

Semaphorin 3E initiates antiangiogenic signaling through plexin D1 by regulating Arf6 and R-Ras. Sakurai A, et al. Mol Cell Biol, 2010 Jun. PMID 20385769.Structure and function of the intracellular region of the plexin-b1 transmembrane receptor. Tong Y, et al. J Biol Chem, 2009 Dec 18. PMID 19843518.Semaphorin 4D signaling requires the recruitment of phospholipase C gamma into the plexin-B1 receptor complex. Swiercz JM, et al. Mol Cell Biol, 2009 Dec. PMID 19805522.Transcription factor 8 activates R-Ras to regulate angiogenesis. Inuzuka T, et al. Biochem Biophys Res Commun, 2009 Feb 6. PMID 19116136.Promoter cloning and characterization of the anti-vascular proliferation gene, R-ras: role of Ets- and Sp-binding motifs. Xu L, et al. J Biol Chem, 2009 Jan 30. PMID 19011236.