

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.

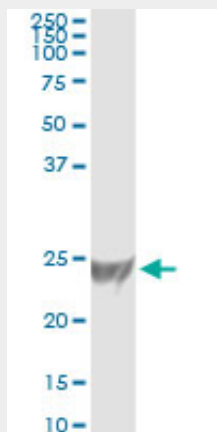
RRAS Antibody (monoclonal) (M01) - Protocols

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

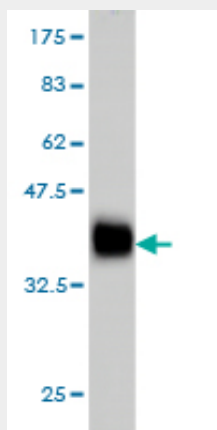
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

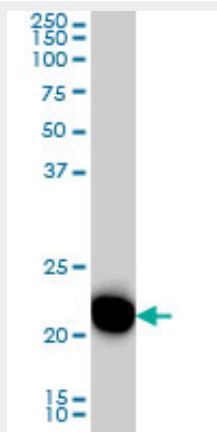
RRAS Antibody (monoclonal) (M01) - Images



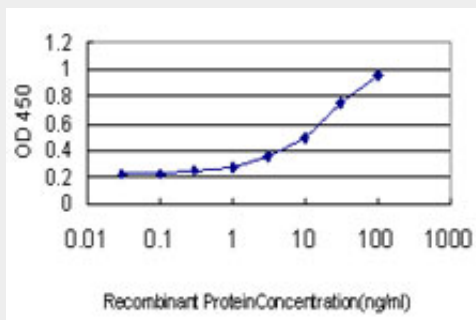
Immunoprecipitation of RRAS transfected lysate using anti-RRAS monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with RRAS MaxPab rabbit polyclonal antibody.



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



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.