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MAGOH Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant MAGOH.
Catalog # AT2766a

Specification

MAGOH Antibody (monoclonal) (M02) - Product Information

Application	**WB**
Primary Accession	P61326
Other Accession	NM_002370
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**17164**

MAGOH Antibody (monoclonal) (M02) - Additional Information

Gene ID 4116

Other Names
Protein mago nashi homolog, MAGOH, MAGOHA

Target/Specificity
MAGOH (NP_002361, 1 a.a. ~ 110 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
MAGOH Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

MAGOH Antibody (monoclonal) (M02) - 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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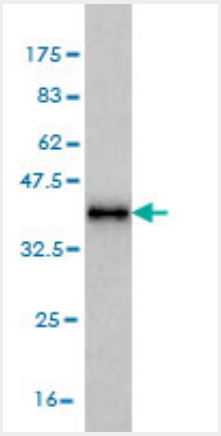
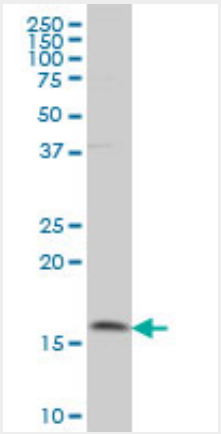
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

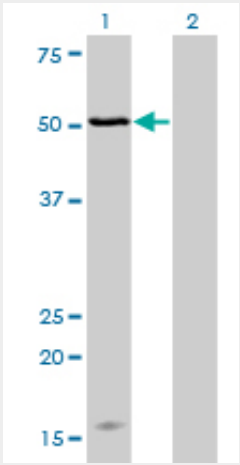
MAGOH Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



MAGOH monoclonal antibody (M02), clone 4H8 Western Blot analysis of MAGOH expression in Hela S3 NE ((Cat # AT2766a)



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Western Blot analysis of MAGOH expression in transfected 293T cell line by MAGOH monoclonal antibody (M02), clone 4H8.

Lane 1: MAGOH transfected lysate(17.2 KDa).
Lane 2: Non-transfected lysate.

MAGOH Antibody (monoclonal) (M02) - Background

Drosophila that have mutations in their mago nashi (grandchildless) gene produce progeny with defects in germplasm assembly and germline development. This gene encodes the mammalian mago nashi homolog. In mammals, mRNA expression is not limited to the germ plasm, but is expressed ubiquitously in adult tissues and can be induced by serum stimulation of quiescent fibroblasts.

MAGOH Antibody (monoclonal) (M02) - References

Disassembly of exon junction complexes by PYM. Gehring NH, et al. Cell, 2009 May 1. PMID 19410547.The exon-junction complex proteins, Y14 and MAGOH regulate STAT3 activation. Muromoto R, et al. Biochem Biophys Res Commun, 2009 Apr 24. PMID 19254694.PYM binds the cytoplasmic exon-junction complex and ribosomes to enhance translation of spliced mRNAs. Diem MD, et al. Nat Struct Mol Biol, 2007 Dec. PMID 18026120.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.Structure of the exon junction core complex with a trapped DEAD-box ATPase bound to RNA. Andersen CB, et al. Science, 2006 Sep 29. PMID 16931718.