

Mouse MRI1 Monoclonal Antibody | anti-MRI1 antibody

MRI1 antibody

CATALOG # AAA107024	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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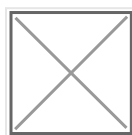
PRODUCT SYNONYMS

MRI1; Monoclonal Antibody; MRI1 antibody; Monoclonal MRI1; Anti-MRI1; Methylthioribose-1-phosphate isomerase homolog; MGC3207; MTNA; Ypr118w; Mediator of RhoA-dependent invasion; MTR 1 P isomerase; MRI 1; MRI-1; anti-MRI1 antibody

PRODUCT SPECIFICATIONS

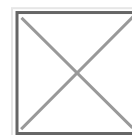
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6G9
Purity/Purification	MRI1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	322
Applicable Applications for anti-MRI1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	MRI1 catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate(MTRu-1-P). Independently from catalytic activity, it promotes cell invasion in response to constitutive RhoA activation by promoting FAK tyrosine phosphorylation and stress fiber turnover
Cross-Reactivity	Human
Immunogen	MRI1 antibody was raised in mouse using a full length recombinant protein of human MRI1 (NP_115661) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of MRI1 protein in paraffin embedded Human colon tissue using MRI1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MRI1 protein (Right) or empty vector (Left) detected with MRI1 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant MRI1 protein using MRI1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MRI1 antibody	Mouse monoclonal MRI1 antibody
Product Categories/Family for anti-MRI1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943880
NCBI GeneID	84245
NCBI Accession #	NP_115661
NCBI GenBank Nucleotide #	NM_032285.2
UniProt Accession #	Q9BV20 ; Q8NDC9
Molecular Weight	34,529 Da
NCBI Official Full Name	methylthioribose-1-phosphate isomerase isoform 2
NCBI Official Synonym Full Names	methylthioribose-1-phosphate isomerase 1
NCBI Official Symbol	MRI1
NCBI Official Synonym Symbols	MRDI; MTNA; Ypr118w
NCBI Protein Information	methylthioribose-1-phosphate isomerase
UniProt Protein Name	Methylthioribose-1-phosphate isomerase
UniProt Gene Name	MRI1
UniProt Synonym Gene Names	M1Pi; MTR-1-P isomerase
UniProt Entry Name	MTNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mri1-antibody-clone-6g9-western-blot-immunohistochemistry-immunofluorescence-elisa/107024>