

Mouse MRPS2 Monoclonal Antibody | anti-MRPS2 antibody

MRPS2 antibody

CATALOG # AAA106812	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

MRPS2; Monoclonal Antibody; MRPS2 antibody; Monoclonal MRPS2; Anti-MRPS2; Mitochondrial Ribosomal Protein S2; CGI-91; MRP-S2; MRPS 2; MRPS-2; anti-MRPS2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4D6
Purity/Purification	MRPS2 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	296
Applicable Applications for anti-MRPS2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit.
Cross-Reactivity	Human
Immunogen	MRPS2 antibody was raised in mouse using a full length recombinant protein of human MRPS2 (NP_057118) produced in E Coli 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 MRPS2 protein in paraffin embedded Carcinoma of Human lung tissue using MRPS2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MRPS2 protein (Right) or empty vector (Left) detected with MRPS2 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant MRPS2 protein (red) or empty vector (blue) stained using MRPS2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS2 antibody	Mouse monoclonal MRPS2 antibody
Product Categories/Family for anti-MRPS2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705805
NCBI GeneID	51116
NCBI Accession #	NP_057118
NCBI GenBank Nucleotide #	NM_016034.4
UniProt Accession #	Q9Y399; Q5T899; Q9BSQ4
Molecular Weight	33,249 Da
NCBI Official Full Name	28S ribosomal protein S2, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S2
NCBI Official Symbol	MRPS2
NCBI Official Synonym Symbols	S2mt; CGI-91; MRP-S2
NCBI Protein Information	28S ribosomal protein S2, mitochondrial
UniProt Protein Name	28S ribosomal protein S2, mitochondrial
UniProt Gene Name	MRPS2
UniProt Synonym Gene Names	MRP-S2; S2mt
UniProt Entry Name	RT02_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/mrps2-antibody-clone-4d6-western-blot-immunohistochemistry-flow-cytometry-elisa/106812>