Mouse HARS2 Monoclonal Antibody | anti-HARS2 antibody

HARS2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74849	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

HARS2; Monoclonal Antibody; HARS2 antibody; Monoclonal HARS2; Anti-HARS2; Histidyl tRNA synthetase 2 mitochondrial; HARSR; HO3; HARSL; Histidine translase; HARS 2; HARS-2; anti-HARS2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	6F9
Purity/Purification	HARS2 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	506
Applicable Applications for anti-HARS2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is an enzyme belonging to the class II family of aminoacyl-tRNA synthetases. Functioning in the synthesis of histidyl-transfer RNA, the enzyme plays an accessory role in the regulation of protein biosynthesis.
Cross-Reactivity	Human
Immunogen	HARS2 antibody was raised in mouse using a full length recombinant protein of human HARS2 (NP_036340) 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 (Immunohiostchemistry)
Immunohistochemical analysis of HARS2 protein in paraffin embedded Adenocarcinoma of Human breast tissue using HARS2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HARS2 protein (Right) or empty vector (Left) detected with HARS2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HARS2 antibody	Mouse monoclonal HARS2 antibody

Product Categories/Family for anti-HARS2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	15029520
NCBI GeneID	23438
NCBI Accession #	NP_036340
NCBI GenBank Nucleotide #	NM_012208.2
UniProt Accession #	P49590; B4DDY8
Molecular Weight	54,115 Da
NCBI Official Full Name	probable histidine--tRNA ligase, mitochondrial isoform 1
NCBI Official Synonym Full Names	histidyl-tRNA synthetase 2, mitochondrial
NCBI Official Symbol	HARS2
NCBI Official Synonym Symbols	HO3; HARSL; HARSR; PRLTS2
NCBI Protein Information	probable histidine--tRNA ligase, mitochondrial
UniProt Protein Name	Probable histidine--tRNA ligase, mitochondrial
UniProt Gene Name	**HARS2**
UniProt Synonym Gene Names	HARSL; HARSR; HO3; HisRS
UniProt Entry Name	SYHM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/hars2-antibody-clone-6f9-western-blot-immunohistochemistry-flow-cytometry-elisa/74849