Mouse MTRF1L Monoclonal Antibody | anti-MTRF1L antibody

MTRF1L antibody

CATALOG #	HOST	APPLICATIONS
AAA107322	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

MTRF1L; Monoclonal Antibody; MTRF1L antibody; Monoclonal MTRF1L; Anti-MTRF1L; Mitochondrial Translational Release Factor 1-Like; MGC102748; MTRFL 1; MTRFL-1; anti-MTRF1L antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2C6
Purity/Purification	MTRF1L 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	380
Applicable Applications for anti-MTRF1L antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	MTRF1L is a mitochondrial peptide chain release factor that directs the termination of translation in response to the peptide chain termination codons UAA and UAG.
Cross-Reactivity	Human
Immunogen	MTRF1L antibody was raised in mouse using a full length recombinant protein of human MTRF1L (NP_061914) 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 (Immunohistochemisry)
Immunohistochemical analysis of MTRF1L protein in paraffin embedded Carcinoma of Human liver tissue using MTRF1L antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MTRF1L protein (Right) or empty vector (Left) detected with MTRF1L antibody

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant MTRF1L protein using MTRF1L antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MTRF1L antibody	Mouse monoclonal MTRF1L antibody
Product Categories/Family for anti-MTRF1L antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795303
NCBI GeneID	54516
NCBI Accession #	NP_061914
NCBI GenBank Nucleotide #	NM_019041.5
UniProt Accession #	Q9UGC7; Q3KR06; Q5TF44; Q5TF50; Q96CC5; Q96EX4; Q96K40; B3KTA0
Molecular Weight	26,395 Da
NCBI Official Full Name	peptide chain release factor 1-like, mitochondrial isoform 1
NCBI Official Synonym Full Names	mitochondrial translational release factor 1-like
NCBI Official Symbol	MTRF1L
NCBI Official Synonym Symbols	MRF1L; HMRF1L; mtRF1a
NCBI Protein Information	peptide chain release factor 1-like, mitochondrial
UniProt Protein Name	Peptide chain release factor 1-like, mitochondrial
UniProt Gene Name	**MTRF1L**
UniProt Synonym Gene Names	MTRF1A
UniProt Entry Name	RF1ML_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/mtrf1l-antibody-clone-2c6-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107322