Mouse anti-Human SLC25A13 Monoclonal Antibody | anti-SLC25A13 antibody

SLC25A13 (Calcium-binding Mitochondrial Carrier Protein Aralar2, Mitochondrial Aspartate Glutamate Carrier 2, Solute Carrier Family 25 Member 13, Citrin, ARALAR2) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24952	**Mouse**	**Human**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

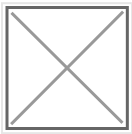
SLC25A13; Monoclonal Antibody; SLC25A13 (Calcium-binding Mitochondrial Carrier Protein Aralar2; Mitochondrial Aspartate Glutamate Carrier 2; Solute Carrier Family 25 Member 13; Citrin; ARALAR2) (Biotin); anti-SLC25A13 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4F4
Specificity	Recognizes human SLC25A13.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Sequence Length	3141
Applicable Applications for anti-SLC25A13 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa2-80 from SLC25A13 (NP_055066) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	AAAKVALTKRADPAELRTIFLKYASIEKNGEFFMSPNDFVTRYLNIFGESQPNPKTVELLSGVVDQTKDGLISFQEFVA
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
SLC25A13 monoclonal antibody Western Blot analysis of SLC25A13 expression in HepG2



WB (Western Blot)
Western blot analysis of SLC25A13 over-expressed 293 cell line, cotransfected with SLC25A13 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with SLC25A13 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged SLC25A13 is ~0.3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to SLC25A13 on HepG2 cell. [antibody concentration 10ug/ml]

WB (Western Blot)
Western Blot analysis of SLC25A13 expression in transfected 293T cell line by SLC25A13 monoclonal antibody Lane 1: SLC25A13 transfected lysate (74.2kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western Blot detection against Immunogen (34.8kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-SLC25A13 antibody	Antibodies; Ion Channel

NCBI AND UNIPROT INFORMATION

NCBI GI #	1677530170
NCBI GeneID	10165
NCBI Accession #	NM_014251.3
NCBI GenBank Nucleotide #	NM_014251
UniProt Accession #	Q9UJS0
NCBI Official Full Name	Homo sapiens solute carrier family 25 member 13 (SLC25A13), transcript variant 2, mRNA
NCBI Official Synonym Full Names	solute carrier family 25 member 13
NCBI Official Symbol	SLC25A13
NCBI Official Synonym Symbols	CTLN2; NICCD; CITRIN; ARALAR2
NCBI Protein Information	calcium-binding mitochondrial carrier protein Aralar2
UniProt Protein Name	Calcium-binding mitochondrial carrier protein Aralar2
UniProt Gene Name	**SLC25A13**
UniProt Synonym Gene Names	ARALAR2
UniProt Entry Name	CMC2_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/slc25a13-antibody-clone-4f4-immunofluorescence-western-blot-elisa/24952