

Mouse CISD1 Monoclonal Antibody | anti-CISD1 antibody

CISD1 antibody

CATALOG # AAA74831	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CISD1; Monoclonal Antibody; CISD1 antibody; Monoclonal CISD1; Anti-CISD1; C10orf70; CISD 1; CISD-1; MGC14684; ZCD1; mitoNEET; Zinc finger CDGSH-type domain 1; Chromosome 10 open reading frame 70; CDGSH iron sulfur domain 1; MDS029; anti-CISD1 antibody

PRODUCT SPECIFICATIONS

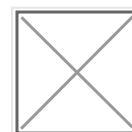
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B3
Purity/Purification	CISD1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	108
Applicable Applications for anti-CISD1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	CISD1 is a member of the CDGSH domain-containing family and may play a role in the regulation of mitochondrial oxidative capacity.
Cross-Reactivity	Human
Immunogen	CISD1 antibody was raised in mouse using a full length recombinant protein of human CISD1 (NP_060934) 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



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant CISD1 protein using CISD1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CISD1 protein (Right) or empty vector (Left) detected with CISD1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CISD1 antibody	Mouse monoclonal CISD1 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923930
NCBI GeneID	55847
NCBI Accession #	NP_060934
NCBI GenBank Nucleotide #	NM_018464.4
UniProt Accession #	Q9NZ45; Q1X902
Molecular Weight	12,199 Da
NCBI Official Full Name	CDGSH iron-sulfur domain-containing protein 1
NCBI Official Synonym Full Names	CDGSH iron sulfur domain 1
NCBI Official Symbol	CISD1
NCBI Official Synonym Symbols	ZCD1; MDS029; C10orf70; mitoNEET
NCBI Protein Information	CDGSH iron-sulfur domain-containing protein 1
UniProt Protein Name	CDGSH iron-sulfur domain-containing protein 1
UniProt Gene Name	CISD1
UniProt Synonym Gene Names	C10orf70; ZCD1
UniProt Entry Name	CISD1_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.