



# Anti-CISD1 monoclonal antibody, clone 3C4 (DCABH-642)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to CISD1
<b>Antigen Description</b>	Plays a key role in regulating maximal capacity for electron transport and oxidative phosphorylation (By similarity). May be involved in Fe-S cluster shuttling and/or in redox reactions.
<b>Immunogen</b>	Recombinant full length Human CISD1 produced in HEK293T cells (NP_060934).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3C4
<b>Purification</b>	This antibody was purified from Mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, Flow Cyt, ICC/IF
<b>Positive Control</b>	HEK293T cell lysate transfected with pCMV6-ENTRY CISD1 cDNA; COS7 cells transiently transfected by pCMV6-ENTRY CISD1; Jurkat cells.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CISD1 CDGSH iron sulfur domain 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	CISD1
<b>Synonyms</b>	CISD1; CDGSH iron sulfur domain 1; C10orf70, chromosome 10 open reading frame 70 , ZCD1, zinc finger, CDGSH type domain 1; CDGSH iron-sulfur domain-containing protein 1; MDS029; mitoNEET; zinc finger CDGSH-type domain 1; zinc finger, CDGSH-type domain 1
<b>Entrez Gene ID</b>	<a href="#">55847</a>
<b>Protein Refseq</b>	<a href="#">NP_060934</a>
<b>UniProt ID</b>	<a href="#">A0A024QZN7</a>
<b>Chromosome Location</b>	10q21.3
<b>Pathway</b>	Adipogenesis, organism-specific biosystem.
<b>Function</b>	2 iron, 2 sulfur cluster binding; metal ion binding;