

Anti-MFN2 monoclonal antibody, clone 5I9 (DMABT-H12524)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti-MFN2 Monoclonal Antibody
Target	MFN2
Immunogen	MFN2 (NP_055689, 661 a.a. ~ 757 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human, Rat
Clone	5I9
Conjugate	Unconjugated
Applications	WB, IHC, sELISA, ELISA, RNAi Knockdown
Sequence Similarities	FKRQFVEHASEKLQLVISYTGSNCSHQVQQELSGTFAHLCQQVDVTRENLEQEIAAMNKK IEVLDSLQSKAKLLRNKAGWLDSELNMFTHQYLQPSR
Buffer	In 1x PBS, pH 7.2
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	MFN2 mitofusin 2 [Homo sapiens]
Official Symbol	MFN2
Synonyms	MFN2; mitofusin 2; mitofusin-2; CMT2A2; CPRP1; KIAA0214; MARF; hyperplasia suppressor; transmembrane GTPase MFN2; mitochondrial assembly regulatory factor; HSG; CMT2A;
Entrez Gene ID	9927
Protein Refseq	NP_001121132
UniProt ID	O95140
Chromosome Location	1p36.22
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	GTP binding; GTPase activity; hydrolase activity; nucleotide binding; ubiquitin protein ligase binding;

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