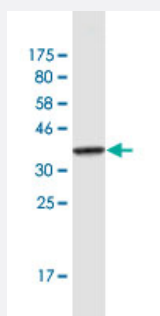


IMMT monoclonal antibody (M01), clone 1A8

Catalog # H00010989-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant IMMT.
Immunogen	IMMT (NP_006830, 481 a.a. ~ 580 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TQLRRQAAAHTDHLRDVLRVQEQELKSEFEQNLSEKLSEQELQFRRLSSEQVDNFTLDINTAYAR LRGIEQAVQSHAVAEEREARKAHLWLSVEALKYSM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (80)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — IMMT

Entrez GeneID	10989
GeneBank Accession#	NM_006839
Protein Accession#	NP_006830
Gene Name	IMMT
Gene Alias	DKFZp779P1653, HMP, MGC111146, P87, P87/89, P89, PIG4, PIG52
Gene Description	inner membrane protein, mitochondrial (mitofilin)
Omim ID	600378
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	cell proliferation-inducing protein 52 inner membrane protein, mitochondrial mitofilin motor protein proliferation-inducing gene 4

Publication Reference

- [SLC25A46 is required for mitochondrial lipid homeostasis and cristae maintenance and is responsible for Leigh syndrome.](#)

Janer A, Prudent J, Paupe V, Fahiminiya S, Majewski J, Sgarioto N, Des Rosiers C, Forest A, Lin ZY, Gingras AC, Mitchell G, McBride HM, Shoubridge EA.

EMBO Molecular Medicine 2016 Sep; 8(9):1019.

Application: IP, Human, Fibroblasts