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KD-Validated Anti-IMMT Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI2185

Product Information

Application	WB, FC, ICC
Primary Accession	Q16891
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB14355
Calculated MW	83678
Gene Name	IMMT
Aliases	IMMT; Inner Membrane Mitochondrial Protein; MINOS2; HMP; Mitofilin; MICOS60; Mic60; P87; P89; Mitochondrial Contact Site And Cristae Organizing System Subunit 60; Mitochondrial Inner Membrane Organizing System 2; Cell Proliferation-Inducing Gene 4/52 Protein; Mitochondrial Inner Membrane Protein; MICOS Complex Subunit MIC60; Heart Muscle Protein; P87/89; Inner Membrane Protein, Mitochondrial (Mitofilin); Cell Proliferation-Inducing Protein 52; Proliferation-Inducing Gene 4; Motor Protein; PIG52; MIC60; PIG4
Immunogen	Recombinant protein of human IMMT

Additional Information

Gene ID	10989
Other Names	MICOS complex subunit MIC60, Cell proliferation-inducing gene 4/52 protein, Mitochondrial inner membrane protein, Mitofilin, p87/89, IMMT, HMP, MIC60, MINOS2

Protein Information

Name	IMMT
Synonyms	HMP, MIC60, MINOS2
Function	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane (PubMed:22114354, PubMed:25781180, PubMed:32567732, PubMed:33130824). Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180, PubMed:32567732, PubMed:33130824).
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein. Mitochondrion

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