

Rabbit IMMT Polyclonal Antibody | anti-IMMT antibody

IMMT Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286796	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

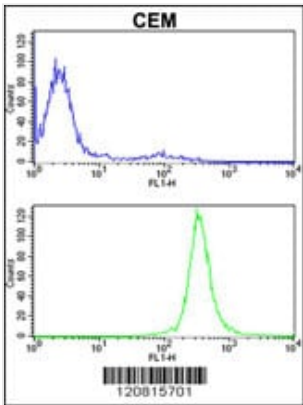
PRODUCT SYNONYMS

IMMT; Polyclonal Antibody; IMMT Antibody (Center); MICOS complex subunit MIC60; Cell proliferation-inducing gene 4/52 protein; Mitochondrial inner membrane protein; Mitofilin; p87/89; HMP; MIC60; MINOS2; anti-IMMT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IMMT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 438-467 amino acids from the Central region of human IMMT.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	438-467
Sequence Length	757
Applicable Applications for anti-IMMT antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

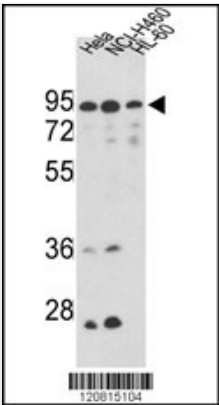
IMAGES



FCM/FACS (Flow Cytometry)
IMMT Antibody (Center) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with IMM Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of IMM Antibody (Center) in HeLa, NCI-H460, CEM cell line lysates (35ug/lane). IMM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IMMT antibody	Mitochondria are the center of cellular energy production and essential metabolic reactions. As double membrane-bound organelles, mitochondria from different species, tissues, and metabolic states are highly polymorphic in nature, yet exhibit common structural features. The ultrastructural variations in mitochondrial architecture occur mainly due to the differences in the amount and shape of cristae. Abundant cristae are found in mitochondria from tissues where energy demand is high. Analysis of the human heart mitochondrial proteome shows that mitofilin is one of the most abundant mitochondrial proteins. It appears to play an important role in the maintenance of cristae morphology.
Product Categories/Family for anti-IMMT antibody	Cardiovascular; Metabolism; Signal transduction
References	Bernert, G., et al., Proteomics 2 (12), 1752-1757 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	154354962
NCBI GeneID	10989
NCBI Accession #	NP_001093639.1; NP_001093640.1; NP_006830.2
NCBI GenBank Nucleotide #	NM_001100169.1

UniProt Accession #	Q16891; Q14539; Q15092; Q68D41; Q69HW5; Q6IBL0; Q7Z3X1; Q8TAJ5; Q9P0V2; B1H0U5; B2R5N6
Molecular Weight	83678
NCBI Official Full Name	MICOS complex subunit MIC60 isoform 2
NCBI Official Synonym Full Names	inner membrane protein, mitochondrial
NCBI Official Symbol	IMMT
NCBI Official Synonym Symbols	HMP; P87; P89; PIG4; Mic60; PIG52; MINOS2; P87/89
NCBI Protein Information	MICOS complex subunit MIC60
UniProt Protein Name	MICOS complex subunit MIC60
UniProt Gene Name	IMMT
UniProt Synonym Gene Names	HMP; MIC60; MINOS2
UniProt Entry Name	MIC60_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/immt-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286796>