

Product Name: KD-Validated IMMT Mouse Monoclonal Antibody**Catalog #: KVA00413**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000; FC 1:100-1:1,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 83.7kDa

Antigen Information

Gene Name	IMMT 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
Alternative Names	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
Gene ID	10989.0
SwissProt ID	Q16891
Immunogen	Recombinant protein of human IMMT

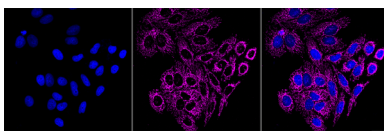
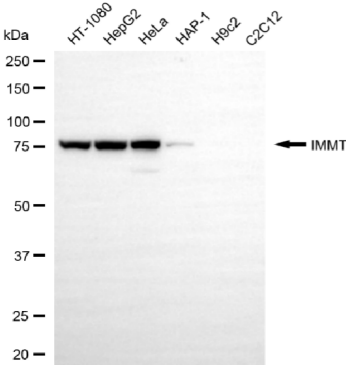
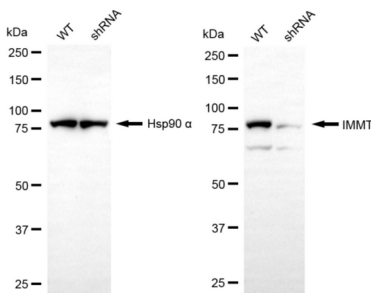
Background

Enables RNA binding activity. Involved in cristae formation. Located in mitochondrial inner membrane. Part of MICOS complex.
[provided by Alliance of Genome Resources, Jul 2025]

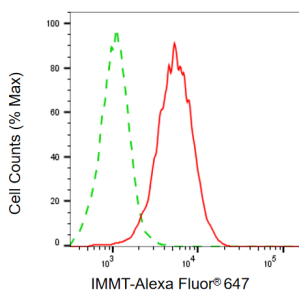
Research Area

Signal Transduction, Cardiovascular, Metabolism

Image Data



Immunocytochemical staining of HepG2 cells with IMMT antibody (KVA00413, 1:1,000). Nuclei were stained blue with DAPI; IMMT was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: High. Scale bar, 20 µm.



Flow cytometric analysis of IMMT expression in HepG2 cells using IMMT antibody (KVA00413, 1:1,000). Green, isotype control; red, IMMT.