

## IMMT antibody

Catalog No: #38458

Package Size: #38458-1 50ul #38458-2 100ul

Orders: order@signalwayantibody.com

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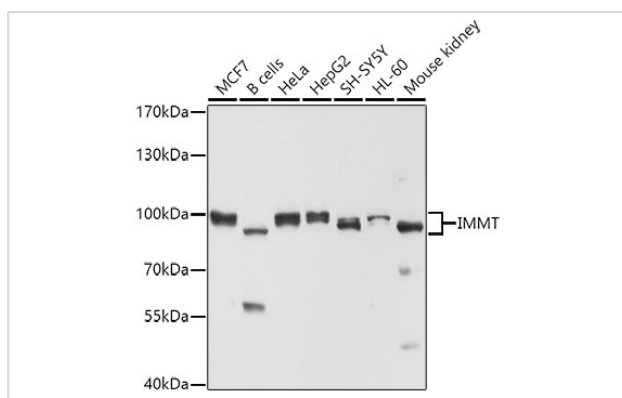
## Description

Product Name	IMMT antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total IMMT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human IMMT.
Target Name	IMMT
Other Names	HMP; P87; P89; PIG4; PIG52; MINOS2; P87/89;
Accession No.	Swiss-Prot#: Q16891NCBI Gene ID: 10989
Uniprot	Q16891
GeneID	10989;
SDS-PAGE MW	84kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

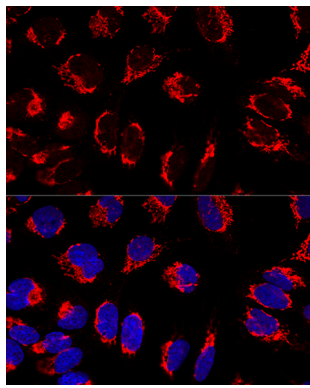
## Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using IMMT at 1:1000 dilution.



Confocal immunofluorescence analysis of U2OS cells using IMMT Polyclonal at dilution of 1:100. Blue: DAPI for nuclear staining.

## Background

Mitochondrial inner membrane protein is a protein that in humans is encoded by the IMMT gene. IMMT has been shown to interact with BAT2. The mitochondrial inner membrane (IM) serves as the site for ATP production by hosting the oxidative phosphorylation complex machinery most notably on the crista membranes. Disruption of the crista structure has been implicated in a variety of cardiovascular and neurodegenerative diseases.

Note: This product is for in vitro research use only