

IMMT antibody

Catalog No: #38458



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Description

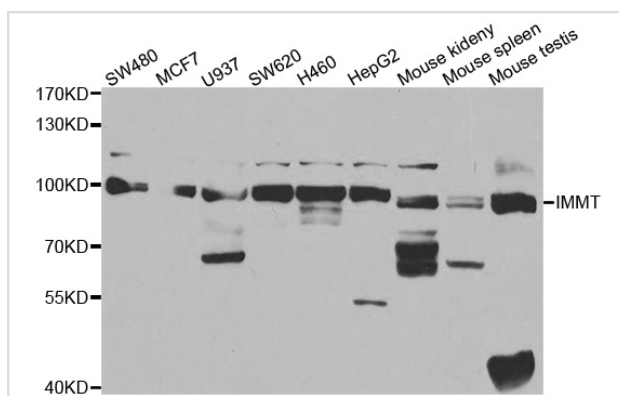
Product Name	IMMT antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total IMMT antibody.
Immunogen Type	Recombinant Protein
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
SDS-PAGE MW	84kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

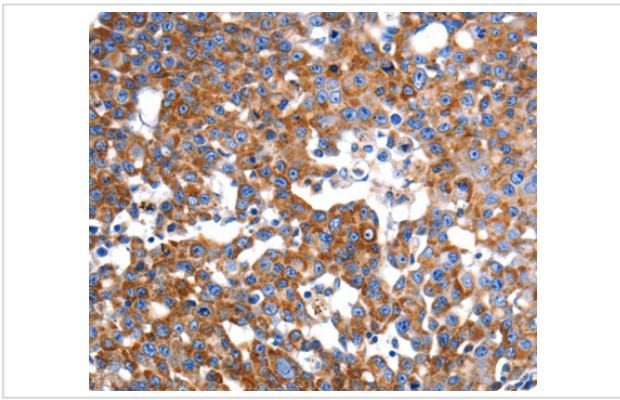
Western blotting: □ 1:500 - 1:2000

Immunohistochemistry: □ 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using IMMT antibody.



Immunohistochemistry analysis of paraffin-embedded human breast cancer tissue using IMMT antibody.

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 and is not intended for use in humans or animals.