

Anti-IMMT antibody

Cat. No.	ml220856
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-IMMT rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human IMMT
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IMMT
Full name	inner membrane protein, mitochondrial

Synonyms HMP, P87, P89, PIG4, PIG52, MINOS2, P87/89

Swissprot Q16891

Target 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.

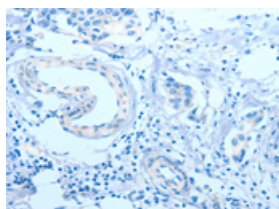
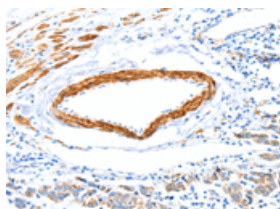
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 15-50

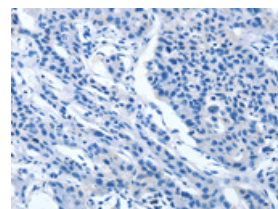
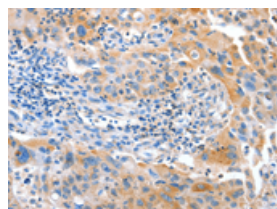


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml220856(IMMT Antibody) at dilution 1/12, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml220856(IMMT Antibody) at dilution 1/12, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 84 kDa

Positive control: Hela and 231 cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

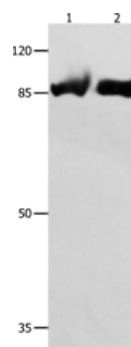
Lysate: 40 µg

Lane 1-2: Hela cells, 231 cells

Primary antibody: ml220856(IMMT Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 2000-5000

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