9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-IMMT Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG2186

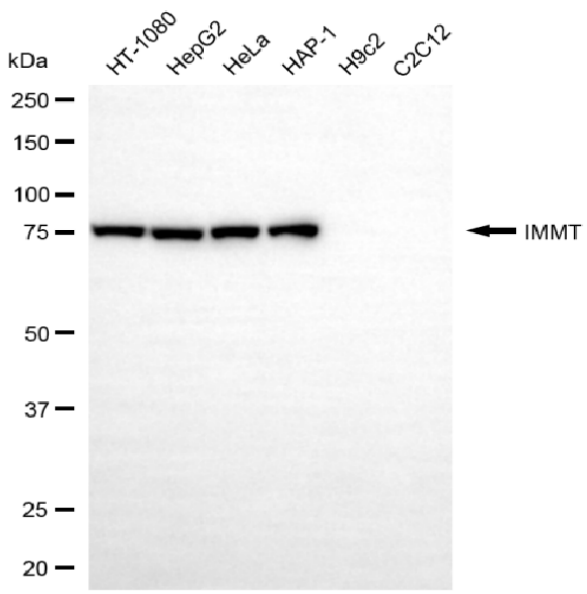
Product Overview

Name	KD-Validated Anti-IMMT Mouse Monoclonal Antibody
Accession(Primary)	Q16891
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human IMMT
Species Reactivity	Human
Calculated MW	Predicted, 84 kDa, observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:400-1:2,000Flow Cytometry (FCM): 1:1,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q16891)

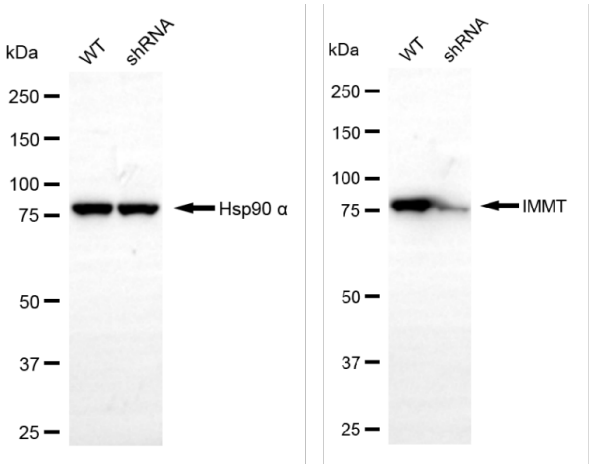
Gene Name	IMMT
About Gene Symbol	IMMT (Inner Membrane Mitochondrial Protein) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms an

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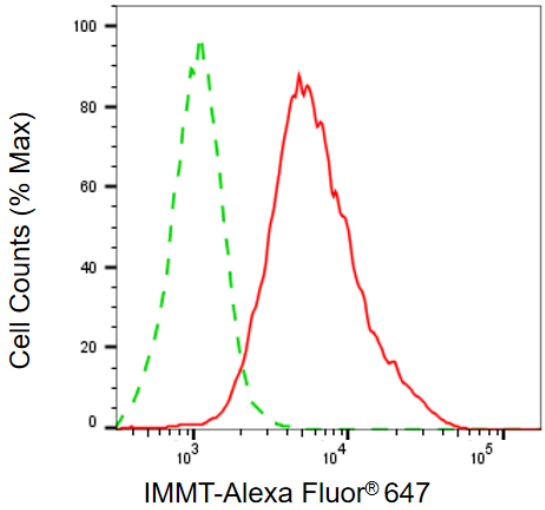
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Western blotting analysis using anti-IMMT antibody (Cat#ABG2186). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IMMT antibody (Cat#ABG2186, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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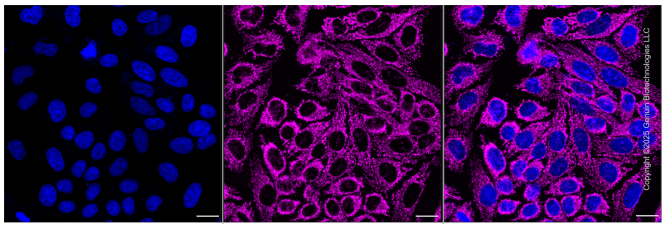
Western blotting analysis using anti-IMMT antibody (Cat#ABG2186). IMMT expression in wild-type (WT) and IMMT shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-IMMT antibody (Cat#ABG2186, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of IMMT expression in HepG2 cells using anti-IMMT antibody (Cat#ABG2186, 1:1,000). Green, isotype control; red, IMMT.

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Immunocytochemical staining of HepG2 cells with anti-IMMT antibody (Cat#ABG2186, 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: Medium. Scale bar, 20 µm.