9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-LAMP1 /CD107a Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2050

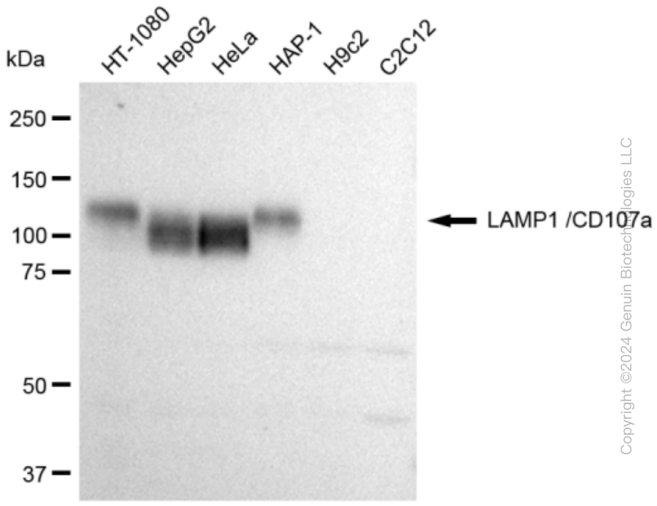
Product Overview

Name	KD-Validated Anti-LAMP1 /CD107a Rabbit Monoclonal Antibody
Accession(Primary)	P11279
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human LAMP1
Species Reactivity	Human
Calculated MW	Predicted, 45 kDa , observed, 120 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:1,000

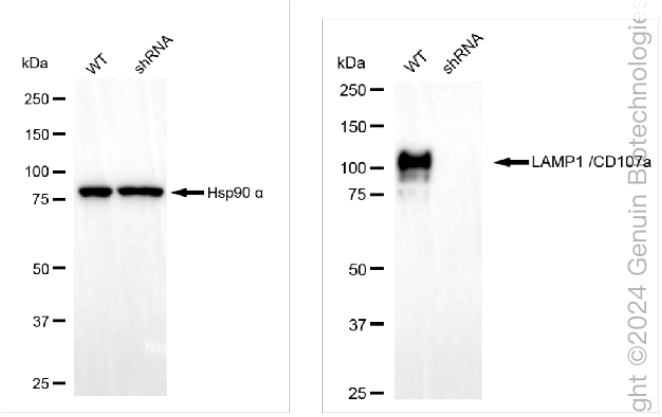
Target information (P11279)

Gene Name	LAMP1
About Gene Symbol	LAMP1 (Lysosomal Associated Membrane Protein 1) is a cell surface marker involved in adaptive immunity and vesicular trafficking. It is an important research target in immunology, flow cytometry, and cancer immunotherapy and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

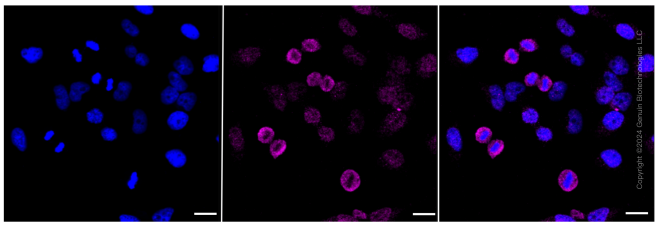
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Western blotting analysis using anti-LAMP1 /CD107a antibody (Cat#ABG2050). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LAMP1 /CD107a antibody (Cat#ABG2050, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-LAMP1 /CD107a antibody (Cat#ABG2050). LAMP1 /CD107a expression in wild type (WT) and LAMP1 /CD107a shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. GAPDH serves as a loading control. The blot was incubated with anti-LAMP1 /CD107a antibody (Cat#ABG2050, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HeLa cells with LAMP1 /CD107a antibody (Cat#ABG2050, 1:1,000). Nuclei were stained blue with DAPI; LAMP1 /CD107a was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.