

KD-Validated Anti-LAMP2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

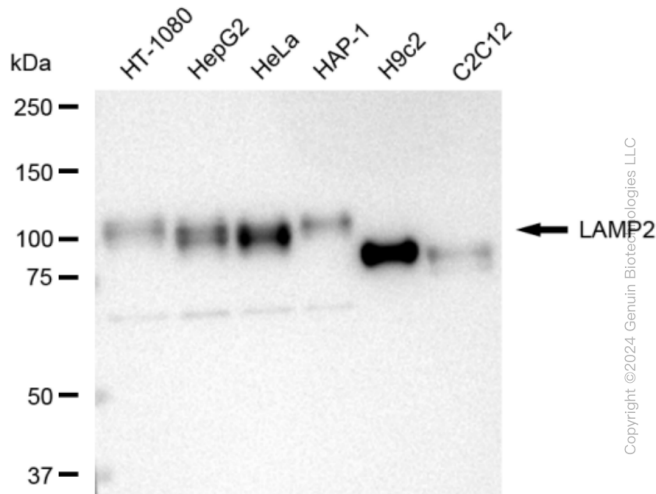
ABG2336

Product Overview

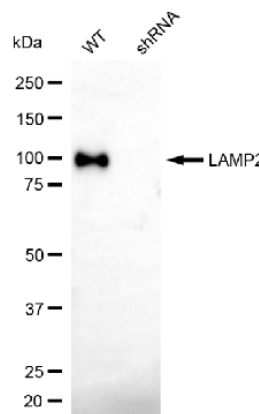
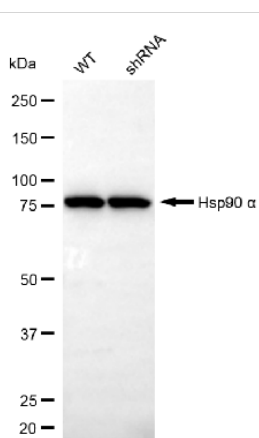
Name	KD-Validated Anti-LAMP2 Rabbit Monoclonal Antibody
Accession(Primary)	P13473
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human LAMP2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 45 kDa ; Observed, 120 kDa
Storage Buffer	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 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P13473)

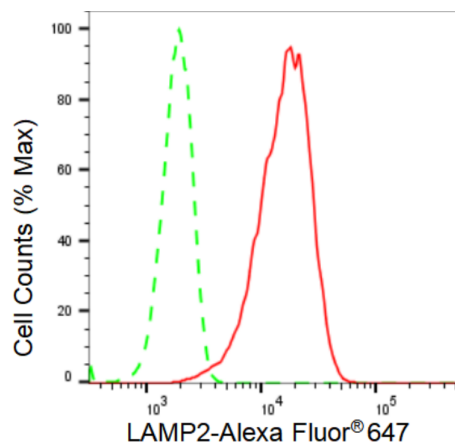
Gene Name	LAMP2
About Gene Symbol	LAMP2 (Lysosomal Associated Membrane Protein 2) is a cell surface marker involved in adaptive immunity and vesicular trafficking. It is an important research target in immunology, flow cytometry, and cancer immunotherapy and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



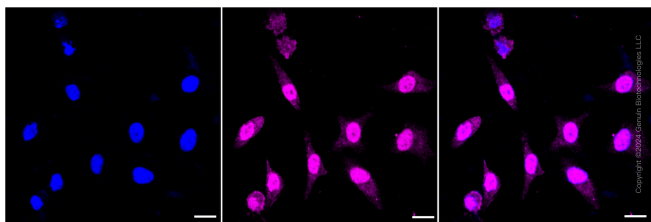
Western blotting analysis using anti-LAMP2 antibody (Cat#ABG2336). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LAMP2 antibody (Cat#ABG2336, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-LAMP2 antibody (Cat#ABG2336). LAMP2 expression in wild type (WT) and LAMP2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-LAMP2 antibody (Cat#ABG2336, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of LAMP2 expression in HeLa cells using LAMP2 antibody (Cat#ABG2336, 1:2,000). Green, isotype control; red, LAMP2.



Immunocytochemical staining of HeLa cells with LAMP2 antibody (Cat#ABG2336, 1:1,000). Nuclei were stained blue with DAPI; LAMP2 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 μ m.