
Product Name: KD-Validated LAMP2 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00229

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 45.0kDa

Antigen Information

Gene Name	LAMP2
Alternative Names	LAMP2; Lysosomal Associated Membrane Protein 2; Lysosome-Associated Membrane Glycoprotein; CD107 Antigen-Like Family Member B; CD107b; LAMP-2; LGP-96; Lysosomal-Associated Membrane Protein 2; Lysosome-Associated Membrane Protein 2; CD107b Antigen; LGP110; CD107B; LAMPB; DND
Gene ID	3920.0
SwissProt ID	P13473
Immunogen	A synthesized peptide derived from human LAMP2

Background

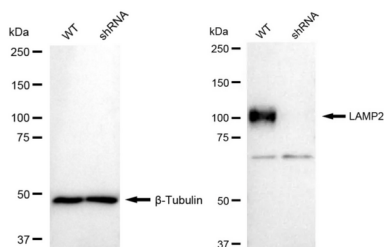
The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with

carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2008]

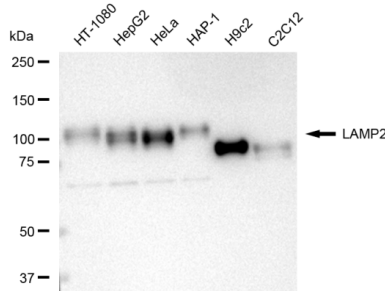
Research Area

Tags & Cell Markers, Signal Transduction, Immunology, Cardiovascular, Stem Cells, Metabolism, Cancer, Neuroscience

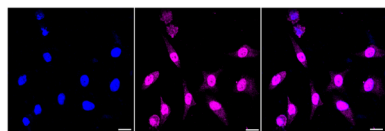
Image Data



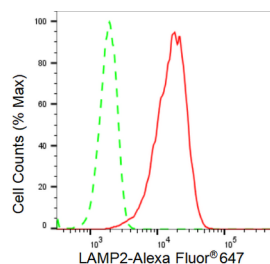
Western blotting analysis using LAMP2 antibody (KVA00229). LAMP2 expression in wild type (WT) and LAMP2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with LAMP2 antibody (KVA00229, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using LAMP2 antibody (KVA00229). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with LAMP2 antibody (KVA00229, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with LAMP2 antibody (KVA00229, 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 µm.



Flow cytometric analysis of LAMP2 expression in HeLa cells using LAMP2 antibody (KVA00229, 1:2,000). Green, isotype control; red, LAMP2.