

Product Name: KD-Validated LAMP1 Mouse Monoclonal Antibody**Catalog #: KVA00820**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1 kappa
Clonality	Mouse 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 1:2,500-1:5,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 44.9kDa

Antigen Information

Gene Name	LAMP1
Alternative Names	LAMP1; Lysosomal Associated Membrane Protein 1; CD107a; Lysosome-Associated Membrane Glycoprotein 1; Lysosome-Associated Membrane Protein 1; CD107 Antigen-Like Family Member A; LAMP-1; Lysosomal-Associated Membrane Protein 1; CD107a Antigen; LGP120; LAMPA
Gene ID	3916.0
SwissProt ID	P11279
Immunogen	Recombinant protein of human CD107a

Background

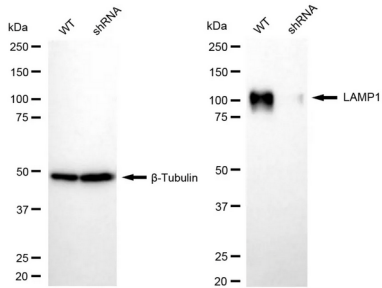
The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with

carbohydrate ligands. It may also play a role in tumor cell metastasis. [provided by RefSeq, Jul 2008]

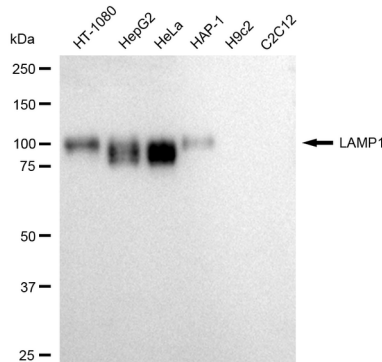
Research Area

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

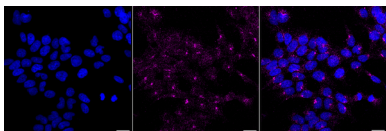
Image Data



Western blotting analysis using LAMP1 antibody (KVA00820). LAMP1 expression in wild type (WT) and LAMP1 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with LAMP1 antibody (KVA00820, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using LAMP1 antibody (KVA00820). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with LAMP1 antibody (KVA00820, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with LAMP1 protein antibody (KVA00820, 1:1,000). Nuclei were stained blue with DAPI; LAMP1 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.