

LAMP1 Rabbit mAb

Catalog No: #49309

Package Size: #49309-1 50ul #49309-2 100ul

Description

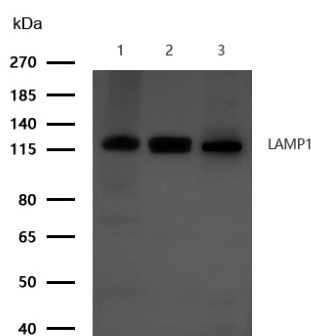
Product Name	LAMP1 Rabbit mAb
Clonality	Monoclonal
Clone No.	SR4550
Purification	ProA affinity purified
Applications	WB IHC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	CD107 antigen like family member A antibody CD107 antigen-like family member A antibody CD107a antibody CD107a antigen antibody LAMP 1 antibody LAMP-1 antibody LAMP1 antibody LAMP1_HUMAN antibody LAMPA antibody LGP120 antibody IgpA antibody Lysosomal membrane glycoprotein 120KD antibody Lysosomal Associated Membrane Protein 1 antibody Lysosome associated membrane glycoprotein 1 antibody Lysosome-associated membrane glycoprotein 1 antibody Lysosome-associated membrane protein 1 antibody OTTHUMP00000040663 antibody
Accession No.	Swiss-Prot#:P11279
Calculated MW	Predicted band size: 45 kDa
SDS-PAGE MW	Observed band size: 110-130
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

Images



All lanes: LAMP1 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates

Lane 2 : JK whole cell lysates Lane 3 : MCF7 whole cell lysates

Lysates/proteins at 20 µg per lane.

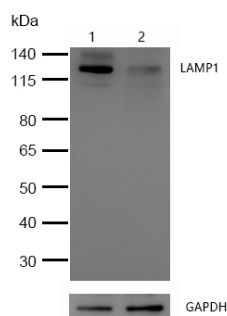
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 45 kDa

Observed band size: 110-130 kDa

Exposure time: 7 seconds

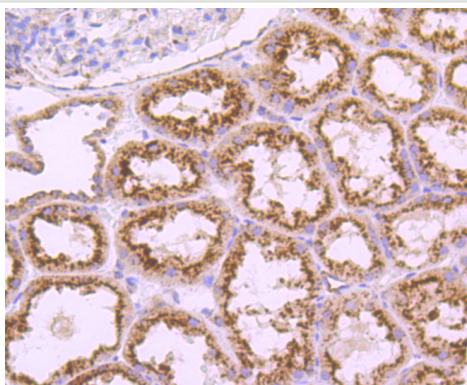


All lanes: LAMP1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HCT116 cell lysate

Lane 2 : LAMP1 knockdown HCT116 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human kidney tissue stained for LAMP1 using 49309 at 1/100 dilution in immunohistochemical analysis.

Background

Lysosome-associated membrane proteins (LAMP) are glycosylated type I membrane proteins that play a role in the biogenesis of the pigment melanin. LAMP-1 (also designated CD107a) and LAMP-2 (also designated CD107b) are involved in a variety of functions, including cellular adhesion, and are thought to participate in the process of tumor invasion and metastasis. Newly synthesized LAMP-1 and LAMP-2 proteins are sorted at the trans-Golgi network and are transported intracellularly via a pathway that is distinct from the Clathrin-coated vesicles used for the mannose-6 phosphate receptor. LAMP-1 is expressed on the surface of Thrombin-activated but not resting platelets, and it is thought to be involved in the adhesive, prothrombic properties of these cells. Both LAMP-1 and LAMP-2 are involved in maintaining lysosome acidity and protecting the lysosomal membranes from autodigestion, and their expression is increased in patients with lysosomal storage disorders.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.