

Rabbit anti-Human LAMP1 Monoclonal Antibody | anti-LAMP1 antibody

LAMP1 Antibody

CATALOG # AAA312392	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

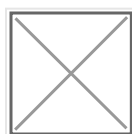
PRODUCT SYNONYMS

LAMP1; Monoclonal Antibody; LAMP1 Antibody; 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; anti-LAMP1 antibody

PRODUCT SPECIFICATIONS

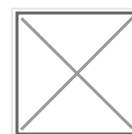
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JJ0940
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-LAMP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-LAMP1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of LAMP1 on different lysates using anti-LAMP1 antibody at 1/1, 000 dilution. Positive control: Lane 1: Hela Lane 2: Jurkat

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP1 antibody	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.
Product Categories/Family for anti-LAMP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	112380628
NCBI GeneID	3916
NCBI Accession #	NP_005552.3
NCBI GenBank Nucleotide #	NM_005561.3
UniProt Accession #	P11279; Q8WU33; Q96I40; Q9BRD2; Q9NP13
Molecular Weight	44,882 Da
NCBI Official Full Name	lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 1
NCBI Official Symbol	LAMP1
NCBI Official Synonym Symbols	LAMPA; CD107a; LGP120
NCBI Protein Information	lysosome-associated membrane glycoprotein 1; LAMP-1; CD107 antigen-like family member A; lysosome-associated membrane protein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1
UniProt Entry Name	LAMP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.