

Mouse LAMP1 / CD107a Monoclonal Antibody | anti-LAMP1 / CD107a antibody

Anti-LAMP1 / CD107a Antibody (clone H4A3) IHC-plus

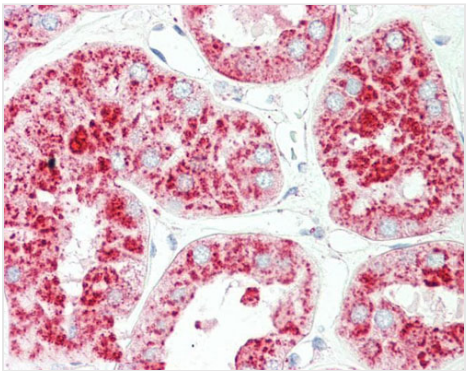
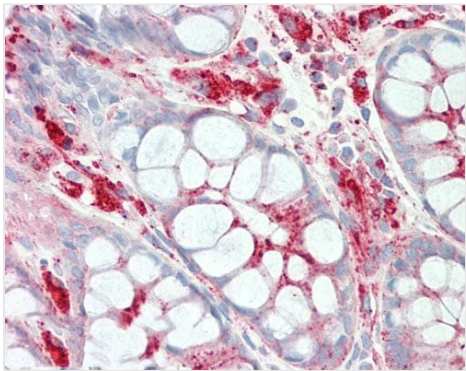
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52576	Mouse	Mouse, Human, Primate	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

LAMP1 / CD107a; Monoclonal Antibody; Anti-LAMP1 / CD107a Antibody (clone H4A3) IHC-plus; Mouse Monoclonal [clone H4A3] (IgG1) to Human LAMP1 / CD107a; Human LAMP1 / CD107a; CD107a antigen; LAMP-1; LGP120; LAMPA; anti-LAMP1 / CD107a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human, Primate
Clonality	Monoclonal
Isotype	IgG1
Clone Number	H4A3
Specificity	Monoclonal antibody H4A3 recognizes CD107a, an approximately 100-120 kD glycoprotein expressed mainly on lysosomal, but also on the plasma membrane.
Purity/Purification	Protein A purified
Form/Format	PBS, pH 7.4, sterile filtered.
Concentration	1 mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-LAMP1 / CD107a antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	LAMP1 / CD107a antibody was raised against human PBMC.
Immunogen Description	Human PBMC.
Immunogen Type	Cells
Target Species	Human
Preparation and Storage	Store at 2-8 degree C. Do not freeze.



IHC (Immunohistochemistry)
Anti-LAMP1 / CD107a antibody IHC staining of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

IHC (Immunohistochemistry)
Anti-LAMP1 / CD107a antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP1 / CD107a antibody	LAMP1 Antibody, CD107a Antibody, CD107a antigen Antibody, LAMP-1 Antibody, LGP120 Antibody, LAMPA Antibody Description: LAMP1, also known as CD107a, is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. LAMP1 may also play a role in tumor cell metastasis. It has also been shown to be a marker of degranulation on lymphocytes such as CD8+ and NK cells.
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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; B4DWL3
Molecular Weight	38,986 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
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1; Lysosome-associated membrane protein 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.