

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

Anti-LAMP1 / CD107a Antibody (clone 5H6) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52583	Mouse	Mouse, Bovine, Rat, Pig, Human	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

LAMP1 / CD107a; Monoclonal Antibody; Anti-LAMP1 / CD107a Antibody (clone 5H6) IHC-plus; Mouse Monoclonal [clone 5H6] (IgG1) to Human LAMP1 / CD107a; Human LAMP1 / CD107a; CD107a antigen; LAMP-1; LGP120; LAMPA; anti-LAMP1 / CD107a antibody

PRODUCT SPECIFICATIONS

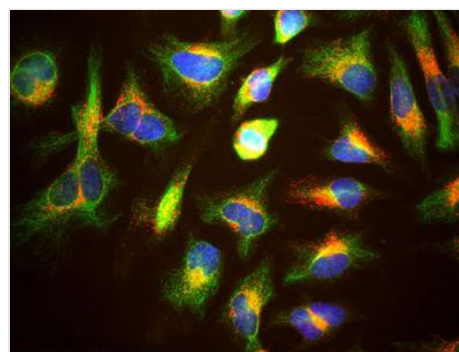
Host	Mouse
Reactivity	Mouse, Bovine, Rat, Pig, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5H6
Purity/Purification	Affinity purified
Form/Format	PBS, 10 mM sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-LAMP1 / CD107a antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Preparation and Storage	4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



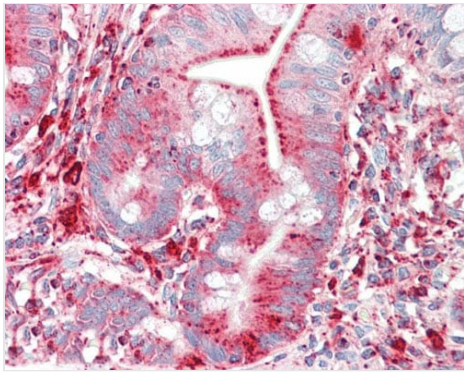
WB (Western Blot)

Western strip blots of HeLa cell crude extracts stained with anti LAMP1 antibody CD107a / LAMP1 antibody in strip 9. Lane 10 shows staining another LAMP1 antibody. Both antibodies bind to a diffuse band running at between ~90 and ~120kDa as expected, and show no appreciable cross reactivity with any other protein.

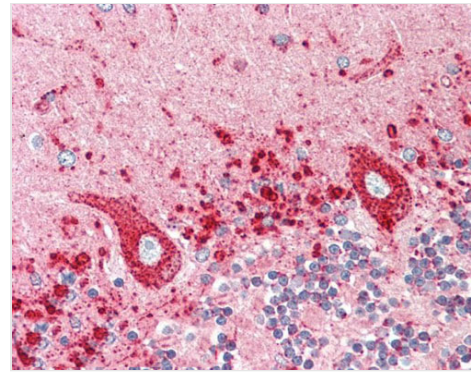


ICC (Immunocytochemistry)

HeLa cells staining with CD107a / LAMP1 antibody (red), and counterstained with chicken polyclonal antibody to Vimentin (green) and DNA (blue). The CD107a / LAMP1 antibody reveals strong punctate cytoplasmic staining corresponding to lysosomes and late endosomes, while the Vimentin antibody reveals cytoplasmic intermediate filaments.



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



IHC (Immunohistochemistry)
Anti-LAMP1 / CD107a antibody IHC staining of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lamp1-cd107a-antibody-clone-5h6-western-blot-immunofluorescence-immunohistochemistry-elisa/52583>