

Mouse CD107a Monoclonal Antibody | anti-CD107a antibody

Anti-CD107a Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265970	Mouse	Human, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

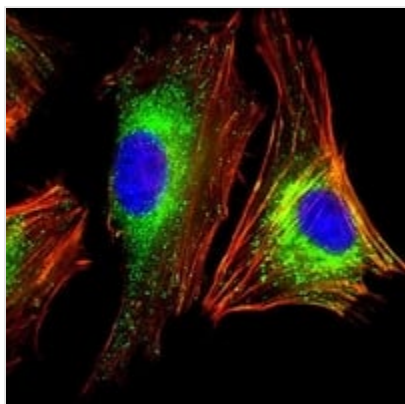
PRODUCT SYNONYMS

CD107a; Monoclonal Antibody; Anti-CD107a Antibody; anti-CD107a antibody

PRODUCT SPECIFICATIONS

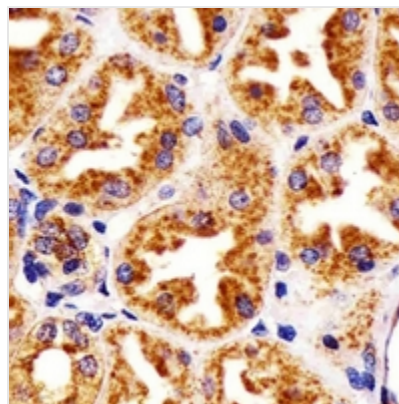
Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of CD107a protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CD107a antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CD107a. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



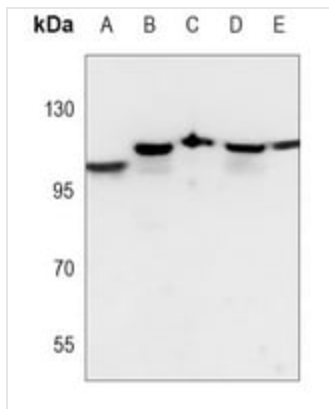
IF (Immunofluorescence)

Immunofluorescent analysis of CD107a staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CD107a staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CD107a expression in A431 (A), HeLa (B), Jurkat (C), HT1080 (D), COS7 (E) whole cell lysates. (Predicted band size: 44 kD; Observed band size: 95-120 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CD107a antibody	Mouse monoclonal antibody to CD107a
Product Categories/Family for anti-CD107a antibody	Primary Antibodies

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd107a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265970>