

Rabbit anti-Human, Mouse LAMP1/CD107a Monoclonal Antibody | anti-Lamp1 antibody

LAMP1/CD107a Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28569	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

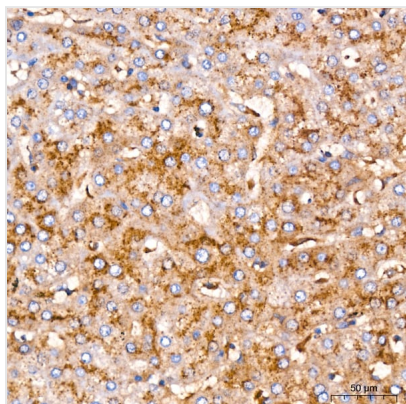
PRODUCT SYNONYMS

LAMP1/CD107a; Monoclonal Antibody; LAMP1/CD107a Rabbit PolymAb; P2B; Perk; LGP-A; CD107a; Lamp-1; LGP-120; anti-Lamp1 antibody

PRODUCT SPECIFICATIONS

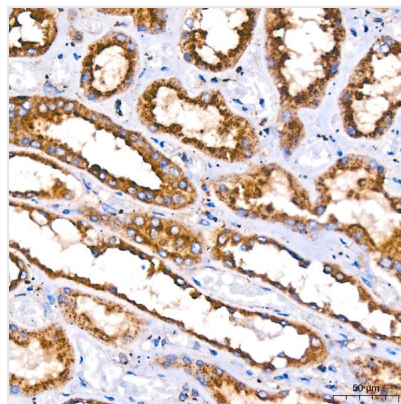
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-Lamp1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:25000-1:100000 IHC-P: 1:50-1:200 IF/ICC: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Immunogen	Recombinant protein of human/mouse CD107a.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



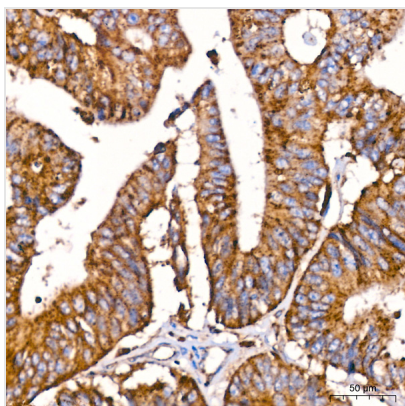
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using LAMP1/CD107a Rabbit PolymAb® (AAA28569) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



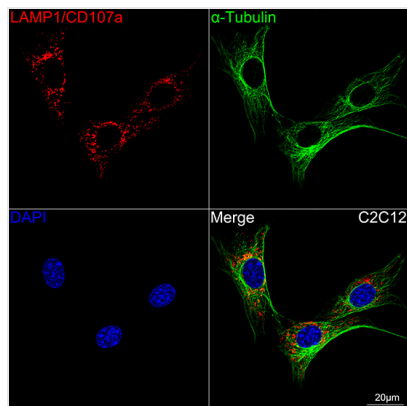
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using LAMP1/CD107a Rabbit PolymAb® (AAA28569) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



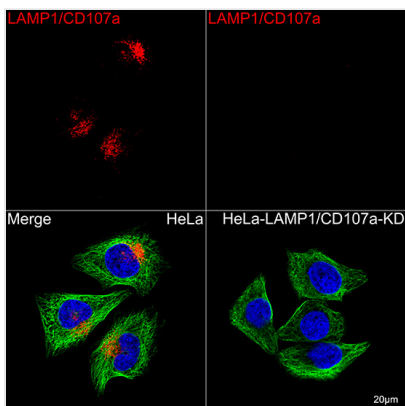
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using LAMP1/CD107a Rabbit PolymAb® (AAA28569) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



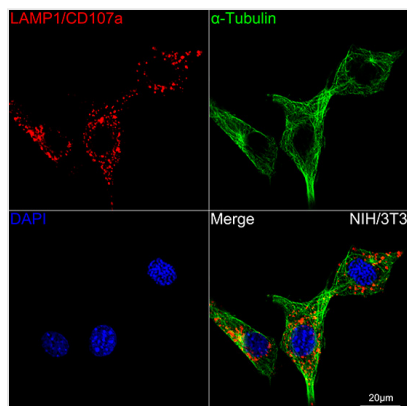
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using LAMP1/CD107a Rabbit PolymAb® (AAA28569) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



ICC (Immunocytochemistry)

Confocal imaging of C2C12 cells using LAMP1/CD107a Rabbit PolymAb® (AAA28569, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with ?-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



ICC (Immunocytochemistry)

Confocal imaging of HeLa cells and LAMP1/CD107a knockdown(KD) HeLa cells using LAMP1/CD107a Rabbit PolymAb® (AAA28569, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with ?-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.

ADDITIONAL INFORMATION

Related Product Information for anti-Lamp1 antibody	Enables protein domain specific binding activity. Involved in protein stabilization. Located in several cellular components, including cytoplasmic vesicle; sarcolemma; and vacuole. Is expressed in several structures, including 1-cell stage embryo; central nervous system; craniocervical region bone; extraembryonic component; and gut. Orthologous to human LAMP1 (lysosomal associated membrane protein 1).
Product Categories/Family for anti-Lamp1 antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	113195678
NCBI GeneID	16783/3916
NCBI Accession #	NP_034814.2
NCBI GenBank Nucleotide #	NM_010684.2
UniProt Accession #	P11438 ; P11279
Molecular Weight	Calculated MW: 43kDa Observed MW: 90-120kDa

UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	Lamp1
UniProt Synonym Gene Names	Lamp-1; LAMP-1; Lysosome-associated membrane protein 1; LGP-A
UniProt Entry Name	LAMP1_MOUSE

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-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28569>