

Rabbit anti-Mouse LAMP3/CD208 Polyclonal Antibody | anti-LAMP3 antibody

Anti-LAMP3/CD208 Antibody, Rabbit Polyclonal

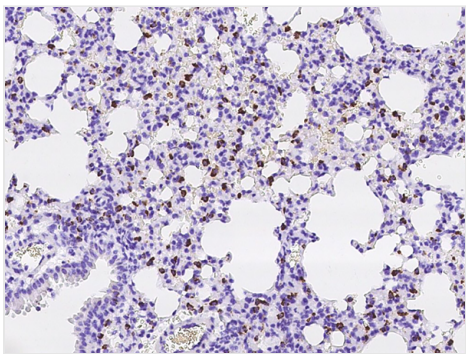
CATALOG # AAA254681	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

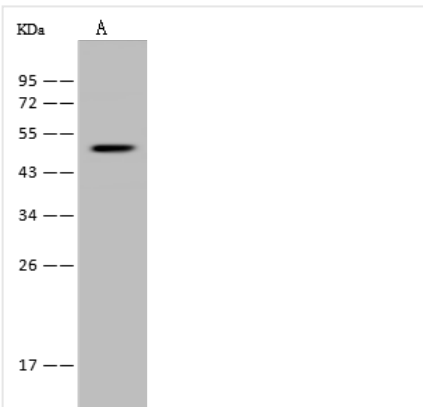
LAMP3/CD208; Polyclonal Antibody; Anti-LAMP3/CD208 Antibody; Rabbit Polyclonal; LAMP3 Antibody; Rabbit PAb; Antigen Affinity Purified; lysosomal associated membrane protein 3; Anti-1200002D17Rik Antibody; Anti-Cd208 Antibody; Anti-DC-LAMP Antibody; Anti-DCLAMP Antibody; Anti-LAMP Antibody; Anti-TSC403 Antibody; anti-LAMP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse LAMP3/CD208
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-LAMP3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse LAMP3
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse LAMP3, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IHC (Immunohistochemistry)
Immunochemical staining of mouse Lamp3 in mouse lung with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-Lamp3 rabbit polyclonal antibody at 1:500 dilution
Lane A: Mouse brain tissue lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 45 kDa Observed band size: 48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP3 antibody	Dendritic cell-lysosomal associated membrane protein (DC-LAMP)/CD208, also known as LAMP3, is a member of the lysosomal associated membrane protein (LAMP) family, which is specifically expressed by human dendritic cells (DCs) upon activation and therefore serves as a marker of human DC maturation. Confocal and immunoelectron microscopy showed that mouse DC-LAMP protein co-localizes with lbm180, a specific marker for the limiting membrane of lamellar bodies that contain surfactant protein B. The present study demonstrates that DC-LAMP is constitutively expressed by mouse, sheep, and human type II pneumocytes. DC-LAMP is constitutively expressed in normal type II pneumocytes. DC-LAMP is detected first in the activated human DC within MHC class II molecules-containing compartments just before the translocation of MHC class II-peptide complexes to the cell surface, suggesting a possible involvement in this process. Furthermore, overexpression of LAMP3 is actively involved in tumor invasion through increased migration into lymph-vascular spaces.
References	Salaun B, et al. (2003) Cloning and characterization of the mouse homologue of the human dendritic cell maturation marker CD208/DC-LAMP. Eur J Immunol. 33(9): 2619-29.Salaun B, et al. (2004) CD208/dendritic cell-lysosomal associated membrane protein is a marker of normal and transformed type II pneumocytes. Am J Pathol. 164(3): 861-71.Ishigami S, et al. (2010) Prognostic value of CD208-positive cell infiltration in gastric cancer. Cancer Immunol Immunother. 59(3): 389-95.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118601015
NCBI GeneID	239739
NCBI Accession #	NP_796330.2
NCBI GenBank Nucleotide #	NM_177356.3
UniProt Accession #	Q7TST5; Q8C1F6
Molecular Weight	45,129 Da
NCBI Official Full Name	lysosome-associated membrane glycoprotein 3
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 3
NCBI Official Symbol	Lamp3
NCBI Official Synonym Symbols	LAMP; Cd208; DCLAMP; TSC403; DC-LAMP; 1200002D17Rik
NCBI Protein Information	lysosome-associated membrane glycoprotein 3; LAMP-3; DC LAMP; DC-lysosome-associated membrane glycoprotein; dendritic cells-lysosome associated membrane glycoprotein

UniProt Protein Name	Lysosome-associated membrane glycoprotein 3
UniProt Gene Name	Lamp3
UniProt Synonym Gene Names	LAMP-3; Lysosomal-associated membrane protein 3; DC LAMP
UniProt Entry Name	LAMP3_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/polyclonal/lamp3-cd208-antibody-immunohistochemistry-western-blot-elisa/254681>