

Rabbit LAMP3 Polyclonal Antibody | anti-LAMP3 antibody

LAMP3 Antibody

CATALOG # AAA326840	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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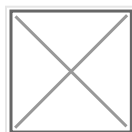
PRODUCT SYNONYMS

LAMP3; Polyclonal Antibody; LAMP3 Antibody; CD208; CD208 antigen; DC LAMP; DC lysosome associated membrane glycoprotein; DC-lysosome-associated membrane glycoprotein; DCLAMP; LAMP; LAMP 3; LAMP-3; Lamp3; LAMP3_HUMAN; Lysosomal associated membrane protein 3; Lysosomal-associated membrane protein 3; Lysosome-associated membrane glycoprotein 3; Protein TSC403; TSC403; anti-LAMP3 antibody

PRODUCT SPECIFICATIONS

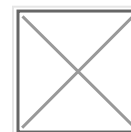
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LAMP3 antibody detects endogenous levels of total LAMP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-LAMP3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human LAMP3
Subcellular Location	Lysosome membrane.
Tissue Specificity	Detected in tonsil interdigitating dendritic cells, in spleen, lymph node, Peyer's patches in the small intestine, in thymus medulla and in B-cells (at protein level). Expressed in lymphoid organs and dendritic cells. Expressed in lung. Up-regulated in carcinomas of the esophagus, colon, rectum, ureter, stomach, breast, fallopian tube, thyroid and parotid tissues.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326840 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of HT-29, using LAMP3 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP3 antibody	Description: Lysosome-associated membrane glycoprotein 3 is a protein that in humans is encoded by the LAMP3 gene. LAMP3 has also recently been designated CD208. Dendritic cells (DCs) are the most potent antigen-presenting cells. Immature DCs efficiently capture antigens and differentiate into interdigitating dendritic cells (IDCs) in lymphoid tissues that induce primary T-cell responses. May play a role in dendritic cell function and in adaptive immunity. Function: May play a role in dendritic cell function and in adaptive immunity. Subunit Structure: Monomer. Similarity: Belongs to the LAMP family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38455385
NCBI GeneID	27074
NCBI Accession #	NP_055213.2
NCBI GenBank Nucleotide #	NM_014398.3
UniProt Accession #	Q9UQV4; O94781; Q8NEC8; D3DNS4
Molecular Weight	Observed: 44 kDa Predicted: 45 kDa
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; LAMP-3; TSC403; DC LAMP; DC-LAMP
NCBI Protein Information	lysosome-associated membrane glycoprotein 3
UniProt Protein Name	Lysosome-associated membrane glycoprotein 3
UniProt Gene Name	LAMP3
UniProt Synonym Gene Names	DCLAMP; TSC403; LAMP-3; Lysosomal-associated membrane protein 3; DC LAMP

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.