



DC-LAMP Rabbit mAb

Catalog No	YP-rAb-16950
Isotype	IgG
Reactivity	Human
Applications	IHC,IF,ELISA
Gene Name	LAMP3 DCLAMP TSC403
Protein Name	Lysosome-associated membrane glycoprotein 3 (LAMP-3) (Lysosomal-associated membrane protein 3) (DC-lysosome-associated membrane glycoprotein) (DC LAMP) (Protein TSC403) (CD antigen CD208)
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:500; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Lysosome-associated membrane glycoprotein 3 ; LAMP-3 ; Lysosomal-associated membrane protein 3 ; DC-lysosome-associated membrane glycoprotein ; DC LAMP ; Protein TSC403 ; CD antigen CD208 ;
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell surface . Lysosome membrane ; Single-pass type I membrane protein Cytoplasmic vesicle membrane ; Single-pass type I membrane protein . Ear.ly endosome membrane ; Single-pass type I membrane protein . During dendritic cell maturation, detected on cytoplasmic vesicles (the MHC II compartment) that contain MHC II proteins, LAMP1, LAMP2 and LAMP3 (PubMed:9768752). Detected on lysosomes in mature dendritic cells (PubMed:9768752). .
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.
Function	Might change the lysosome function after the transfer of peptide-MHC class II molecules to the surface of dendritic cells.,similarity:Belongs to the LAMP





family.,tissue specificity: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.,

Background

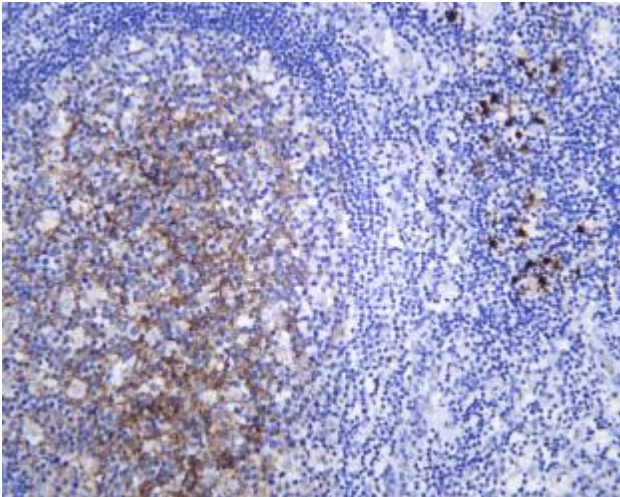
Dendritic cells (DCs) are the most potent antigen-presenting cells. Immature DCs efficiently capture antigens and differentiate into interdigitating dendritic cells (IDCs) in lymphoid tissues that induce primary T-cell responses (summary by de Saint-Vis et al., 1998 [PubMed 9768752]).[supplied by OMIM, Dec 2010],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Human tonsil was stained with anti-DC-LAMP Rabbit antibody

