

Mouse anti-Human LAMP-2 Monoclonal Antibody | anti-LAMP-2 antibody

LAMP-2, Human, mAb C8

CATALOG # AAA77819	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

LAMP-2; Monoclonal Antibody; Human; mAb C8; clone C8; Lysosome-associated membrane glycoprotein 2; Lysosome-associated membrane protein 2; CD107 antigen-like family member B; LGP-96; anti-LAMP-2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	C8
Form/Format	0.2 ml (100 ug/ml) 0.2 um filtered protein G purified antibody solution in PBS, containing 0.1% bovine serum albumin and 0.02 % sodium azide.
Applicable Applications for anti-LAMP-2 antibody	IA (Immunoassay), FCM/FACS (Flow Cytometry)
Immunogen	Lamp-2 protein
Preparation and Storage	Product should be stored at 4 degree C. Under recommended storage conditions, product is stable for at least one year.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP-2 antibody	Monoclonal antibody HM2372, clone C8 recognizes human lysosome-associated membrane protein-2 (LAMP-2; CD107b). LAMP-2 is a heavily glycosylated membrane protein expressed in lysosomes of 383 amino acids. It is a member of a family of membrane glycoproteins like MAP-1, LIMP2 and DC-LAMP. LAMP-2 is expressed in a broad panel of tissues like placenta, lung, liver and kidney. Glycosylation is dependent on cell type and activation status. LAMP-2 exists in three splice variants LAMP-2A, LAMP-2B and LAMP-2C. They differ in their sequence in the transmembrane and cytoplasmic domain that effects their function. LAMP-2 is important for control of lysosomal activity and traffic across the lysosomal membranes. Its ability to mediate fusion between auto phagosomes and lysosomes makes it important for the process of autophagy. The protein is also involved in cholesterol transport and cytoplasmic antigen MHCII presentation. Normally LAMP-2 is expressed at low levels on the cell surface. The degree of surface expression is dependent on the cell type and state of activation. Genetic deficiency of LAMP-2 causes Danon disease inducing cardiomyopathy and myopathy. Recent studies show also involvement in ANCA-vasculitis.
Product Categories/Family for anti-LAMP-2 antibody	Monoclonal antibodies

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/lamp-2-antibody-clone-c8-immunoassay-flow-cytometry-elisa/77819>