

Datasheet for ABIN6252513 **anti-LAMP3 antibody**



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Overview

Quantity:	100 µg
Target:	LAMP3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LAMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human protein was used as the immunogen for the LAMP3 antibody.
Clone:	LAMP3-529
Isotype:	IgG2a kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	LAMP3
Alternative Name:	LAMP3 (LAMP3 Products)
Background:	This mAb recognizes protein of 26 kDa-60 kDa, which is identified as CD63/LAMP3. Its epitope is different from that of mAb LAMP3/803 or LAMP3/968 or NK1/C3 or MX-49.129.5. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with

Target Details

specific integrins. The tetraspanin CD63 is a lysosomal membrane glycoprotein that translocates to the plasma membrane after platelet activation. CD63/LAMP3 is expressed on activated platelets, monocytes and macrophages, and is weakly expressed on granulocytes, T cell and B cells. It is located on the basophilic granule membranes and on the plasma membranes of lymphocytes and granulocytes. It is a member of the TM4 superfamily of leukocyte glycoproteins that includes CD9, CD37 and CD53, which contain four transmembrane regions. CD63/LAMP3 may play a role in phagocytic and intracellular lysosome-phagosome fusion events. Deficiency is associated with Hermansky-Pudlak syndrome and is strongly expressed during the early stages of melanoma progression.

Gene ID: 967

UniProt: [P08962](#)

Application Details

Application Notes: Flow Cytometry: 0.5-1 µg/million cells in 0.1ml

Immunofluorescence: 0.5-1 µg/mL

Optimal dilution of the LAMP3 antibody should be determined by the researcher.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot and Store at -20C. Avoid freez-thaw cycles.