



Rabbit Anti-Human CD63 monoclonal antibody, clone TZ32-13 (CABT-L628)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CD63
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TZ32-13
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	23 kDa
Cellular Localization	Cell membrane, Lysosome membrane, Endosome, Melanosome, Secreted.
Positive Control	HL60, THP-1, NIH/3T3, human tonsil tissue, human lung cancer tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 (also known as LAMP-3, Melanoma-associated antigen ME491, TSPAN30, MLA1 and OMA81H) is a lysosomal membrane glycoprotein that translocates to the plasma membrane after platelet activation. CD63 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. CD63 is a member of the TM4 superfamily of leukocyte glycoproteins that includes CD9, CD37 and CD53, which contain four transmembrane regions. CD63 may play a role in phagocytic and intracellular lysosome-phagosome fusion events. CD63 deficiency is associated with Hermansky-Pudlak syndrome.

Keywords

Lysosomal associated membrane protein 3;CD 63;CD63;CD63 antigen (melanoma 1 antigen);CD63 antigen;CD63 antigen melanoma 1 antigen;CD63 molecule;CD63_HUMAN;gp55;Granulophysin;LAMP 3;LAMP-3;LAMP3;LIMP;Lysosomal-associated membrane protein 3;Lysosome associated membrane glycoprotein 3;Mast cell antigen AD1;ME491;Melanoma 1 antigen;Melanoma associated antigen ME491;Melanoma associated antigen MLA1;Melanoma-associated antigen ME491;MGC72893;MLA 1;MLA1;NGA;Ocular melanoma associated antigen;Ocular melanoma-associated antigen;OMA81H;PTLGP40;Tetraspanin 30;Tetraspanin-30;Tspan 30;Tspan-30;TSPAN30 antibody

GENE INFORMATION

Entrez Gene ID

[967](#)

UniProt ID

[A0A024RB05](#)
