



# 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

<b>Target</b>	CD63
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	TZ32-13
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC
<b>Molecular Weight</b>	23 kDa
<b>Cellular Localization</b>	Cell membrane, Lysosome membrane, Endosome, Melanosome, Secreted.
<b>Positive Control</b>	HL60, THP-1, NIH3T3, human tonsil tissue, human lung cancer tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

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<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	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

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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">967</a>
<b>UniProt ID</b>	<a href="#">A0A024RB05</a>

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