

CD63 rabbit pAb

Cat No.:ES4255

For research use only

Overview

Product Name	CD63 rabbit pAb
Host species	Rabbit
Applications	IF;WB;IHC;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IF: 1:50-200 Western Blot: 1/500 - 1/2000. IHC-p:
	1:100-1:300. ELISA: 1/20000. Not yet tested in
	other applications.
Immunogen	The antiserum was produced against synthesized
	peptide derived from the Internal region of human
	CD63. AA range:121-170
Specificity	CD63 Polyclonal Antibody detects endogenous
	levels of CD63 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	CD63 antigen
Gene Name	CD63
Cellular localization	Cell membrane ; Multi-pass membrane protein .
	Lysosome membrane ; Multi-pass membrane
	protein . Late endosome membrane ; Multi-pass
	membrane protein . Endosome, multivesicular
	body . Melanosome . Secreted, extracellular
	exosome . Cell surface . Also found
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	26,35-65(kD
Human Gene ID	967
Human Swiss-Prot Number	P08962
Alternative Names	CD63; MLA1; TSPAN30; CD63 antigen;
	Granulophysin; Lysosomal-associated membrane



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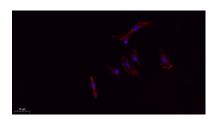
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Background

protein 3; LAMP-3; Melanoma-associated antigen ME491; OMA81H; Ocular melanoma-associated antigen; Tetraspanin-30; Tspan-30; CD63 The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012],

Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.





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