CD63 Rabbit Polyclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM56806	CD63 Rabbit Polyclonal Antibody	-20℃	1 年

产品概述：

产品货号	IM56806
别名	CD63;MLA1;TSPAN30; CD63 antigen;Granulophysin;Lysosomal-associated membrane protein 3;LAMP-3;Melanoma-associated antigen ME491;OMA81H;Ocular melanoma-associated antigen;Tetraspanin-30; Tspan-30;CD63.
产品名称	CD63 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CD63
蛋白名称	CD63 antigen
推荐应用	IF-P, IF-F, IF-ICC, WB, IHC-P, ELISA
反应种属	Human, Rat, Mouse
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	967
Human Swissprot No.	P08962

Mouse Swissprot No.	P41731
免疫原	The antiserum was produced against synthesized peptide derived from the Internal region of human CD63.AA range:121-170
特异性	CD63 Polyclonal Antibody detects endogenous levels of CD63 protein.
稀释度	IF-P/IF-F/IF-ICC 1:50-200,WB 1:500-1:2000,IHC-P 1:100-1:300,ELISA 1:20000.Not yet tested in other applications.
预测分子量	26,35-65(kDa
运输及保存条件	-20℃/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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].
组织表达	Detected in platelets(at protein level).Dysplastic nevi,radial growth phase primary melanomas,hematopoietic cells,tissue macrophages.

细胞定位	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 in Weibel-Palade bodies of endothelial cells(PubMed:10793155).Located in platelet dense granules(PubMed:7682577).Detected in a subset of pre-melanosomes.Detected on intralumenal vesicles(ILVs)within multivesicular bodies(PubMed:21962903).
信号通路	Lysosome.
功能	Function:This antigen is associated with early stages of melanoma tumor progression.May play a role in growth regulation. miscellaneous:Lack of expression of CD63 in platelets has been observed in a patient with Hermansky-Pudlak syndrome(HPS). Hermansky-Pudlak syndrome(HPS)is a genetically heterogeneous,rare, autosomal recessive disorder characterized by oculocutaneous albinism,bleeding due to platelet storage pool deficiency,and lysosomal storage defects.This syndrome results from defects of diverse cytoplasmic organelles including melanosomes,platelet dense granules and lysosomes.Ceroid storage in the lungs is associated with pulmonary fibrosis,a common cause of premature death in individuals with HPS.similarity:Belongs to the tetraspanin(TM4SF) family.subcellular location:Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules.tissue specificity:Dysplastic nevi,radial growth phase primary melanomas, hematopoietic cells,tissue macrophages.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope specific immunogen.

Clonality	Polyclonal

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