CD9 Rabbit Polyclonal Antibody(Center)

产品详情

产品货号	产品名称	储存条件	保质期
IM37959	CD9 Rabbit Polyclonal Antibody(Center)	2-8℃	2 周

产品概述：

产品货号	IM37959
别名	CD9 antigen,5H9 antigen,Cell growth-inhibiting gene 2 protein,Leukocyte antigen MIC3,Motility-related protein,MRP-1,Tetraspanin-29,Tspan-29,p24,CD9,CD9,MIC3,TSPAN29
产品名称	CD9 Rabbit Polyclonal Antibody(Center)
类别	抗体产品
推荐应用	IHC-P,IF-ICC,WB
反应种属	Human,Rat,Mouse
存储缓冲液	Purified polyclonal antibody supplied in PBS with 0.05%(V/V)Proclin 300.This antibody is purified through a protein A column,followed by peptide affinity purification.
Human Gene ID	NP_001760.1
Human Swissprot No.	P21926
特异性	This CD9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-145 amino acids from the Central region of human CD9.
稀释度	WB 1:1000

预测分子量	25kDa
运输及保存条件	Maintain refrigerated at 2-8℃ for up to 2 weeks.For long term storage store at -20℃ in small aliquots to prevent freeze-thaw cycles.
宿主	Rabbit
同种型	IgG
背景介绍	CD9 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. This protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins.It can modulate cell adhesion and migration and also trigger platelet activation and aggregation.In addition,the protein appears to promote muscle cell fusion and support myotube maintenance.
组织表达	Detected in platelets(at protein level)(PubMed:19640571).Expressed by a variety of hematopoietic and epithelial cells(PubMed:19640571).
细胞定位	Cell membrane;Multi-pass membrane protein.Membrane;Multi-pass membrane protein.Secreted,extracellular exosome{ECO:0000250|UniProtKB:P40240}.Note=Present at the cell surface of oocytes.Accumulates in the adhesion area between the sperm and egg following interaction between IZUMO1 and its receptor IZUMO1R/JUNO{ECO:0000250|UniProtKB:P40240}.
功能	Integral membrane protein associated with integrins,which regulates different processes,such as sperm-egg fusion,platelet activa

功能	tion and aggregation,and cell adhesion(PubMed:8478605,PubMed:14575715,PubMed:18541721 功能).Present at the cell surface of oocytes and plays a key role in sperm-egg fusion,possibly by organizing multiprotein complexes and the morphology of the membrane required for the fusion(By similarity).In myoblasts,associates with CD81 and PTGFRN and inhibits myotube fusion during muscle regeneration(By similarity).In macrophages,associates with CD81 and beta-1 and beta-2 integrins,and prevents macrophage fusion into multinucleated giant cells specialized in ingesting complement-opsonized large particles(PubMed:12796480).Also prevents the fusion between mononuclear cell progenitors into osteoclasts in charge of bone resorption(By similarity).Acts as a receptor for PSG17 (By similarity).Involved in platelet activation and aggregation (PubMed:18541721).Regulates paranodal junction formation(By similarity).Involved in cell adhesion,cell motility and tumor metastasis(PubMed:8478605,PubMed:7511626).
Clonality	Polyclonal

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