CD9 Rabbit mAb

Catalog No: #48625

Package Size: #48625-1 50ul #48625-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

	Description	
PurificationProA affinity purifiedApplicationsWB, ICC/IF, IHC, IP, FCSpecies ReactivityHu, Ms, RtImmunogen Descriptionrecombinant proteinOther NamesTetraspanin 29 antibody 5H9 antibody 5H9 antibody Antigen defined by monoclonal antibody 602 29 antibody Antigen defined by monoclonal antibody 60229 antibody BA-2/p24 antigen p24 antibody BDC 1 antibody CD9 antibody CD9 antigen antibody CD9 antigen p24 antibody CD9 molecule antibody CD9_HUMAN antibody CD9 antigen antibody GIG2 antibody Cell growth-inhibiting gene 2 protein antibody DRAP 27 antibody DRAP27 antibody GIG2 antibody p24 antigen antibody MC3 antibody MC3 antibody MOIlity-related protein antibody MRP 1 antibody MRP-1 antibody MRP1 antibody p24 antigen antibody Tetraspanin-29 antibody Tspan-29 antibody TSPAN29 antibody Tetraspanin-29 antibody Tspan-29 antibody TSPAN29 antibody Tetraspanin-29 antibody Tspan-29 antibody TSPAN29 antibody Tetraspanin-29 antibody Tspan 29 antibody Tspan-29 antibody TSPAN29 antibody Tetraspanin-29 antibody Tspan 29 antibody Tspan-29 antibody TSPAN29 antibody Tetraspanin-29 antibody Tspan 29 antibody Tspan-29 antibody TSPAN29 antibody TSPAN29 antibody<	Product Name	CD9 Rabbit mAb
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	Calculated MW	25 kDa
Storage Store at -20°C	Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
	Storage	Store at -20°C

Application Details		
WB: 1:500-1:1000		
IHC: 1:50-1:200		
ICC: 1:50-1:200		
FC: 1:20-1:50		

Images

1	2	KDa
		-70
		-55
		-40
		-35
-	-	-25
		-15
1000		-10

Western blot analysis of CD9 on different lysates using anti-CD9 antibody at 1/500 dilution. Positive control: Lane 1: Mouse heart Lane 2: Jurkat



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD9 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD9 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD9 antibody. Counter stained with hematoxylin.

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-CD9 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-CD9 antibody. Counter stained with hematoxylin.



ICC staining CD9 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD9 in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of B16-F1 cells labeling CD9. Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (1ug/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).

Background

CD9 is a type IV transmembrane glycoprotein with four transmembrane domains. CD9 on pre-B cells may play a role in cell-cell adhesion. In addition, CD9 may play a role in signal transduction mediated by interaction with low molecular weight GTP-binding proteins. CD9 is expressed on early B cells, eosinophils, basophils and activated T cells and is a major component of the platelet cell surface. It is also expressed on most non-T acute lymphoblastic leukemia cells and on some acute myeloid and chronic lymphoid leukemias.

Note: This product is for in vitro research use only