

## CD9 Rabbit mAb

Catalog No: #48625



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

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	CD9 Rabbit mAb
Clone No.	SR4515
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	Tetraspanin 29 antibody 5H9 antibody 5H9 antigen antibody Antigen defined by monoclonal antibody 602 29 antibody Antigen defined by monoclonal antibody 60229 antibody BA-2/p24 antigen antibody BA2 antibody BTCC 1 antibody BTCC1 antibody CD9 antibody CD9 antigen antibody CD9 antigen p24 antibody CD9 molecule antibody CD9_HUMAN antibody Cell growth inhibiting gene 2 protein antibody Cell growth-inhibiting gene 2 protein antibody DRAP 27 antibody DRAP27 antibody GIG2 antibody Growth inhibiting gene 2 protein antibody Leukocyte antigen MIC3 antibody MIC3 antibody Motility related protein antibody Motility-related protein antibody MRP 1 antibody MRP-1 antibody MRP1 antibody p24 antibody p24 antigen antibody Tetraspanin-29 antibody Tspan 29 antibody Tspan-29 antibody TSPAN29 antibody
Accession No.	Swiss-Prot#:P21926
Uniprot	P21926
GeneID	928;
Calculated MW	25 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

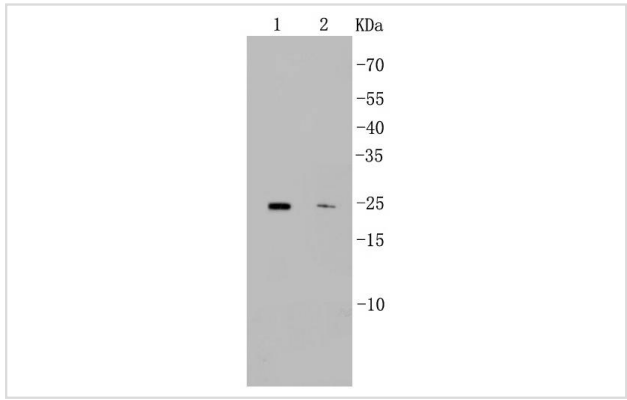
WB: 1:500-1:1000

IHC: 1:50-1:200

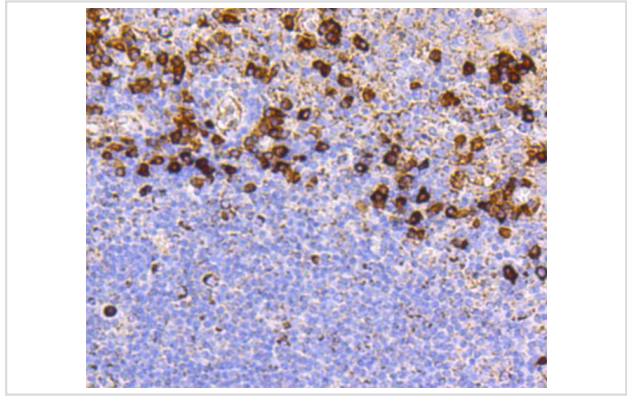
ICC: 1:50-1:200

FC: 1:20-1:50

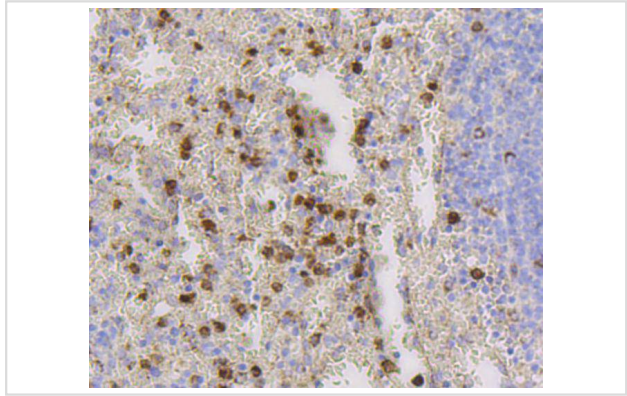
## Images



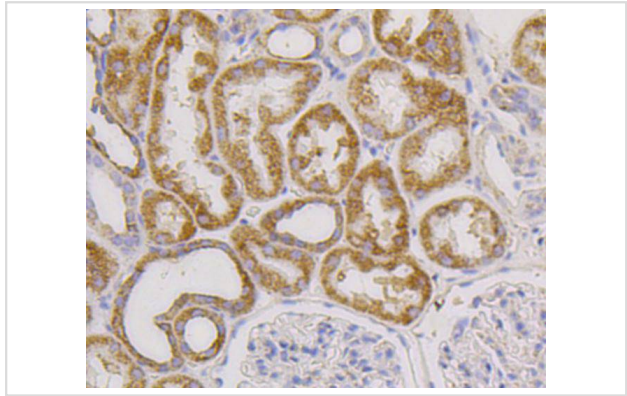
Western blot analysis of CD9 on different lysates using anti-CD9 antibody at 1/500 dilution. Positive control: Lane 1: Mouse heart Lane 2: Jurkat



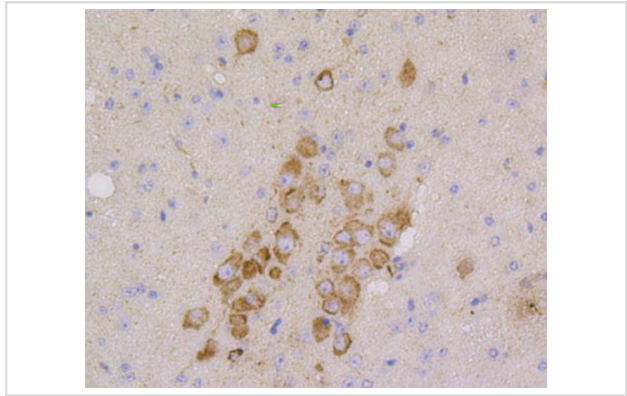
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD9 antibody. Counter stained with hematoxylin.



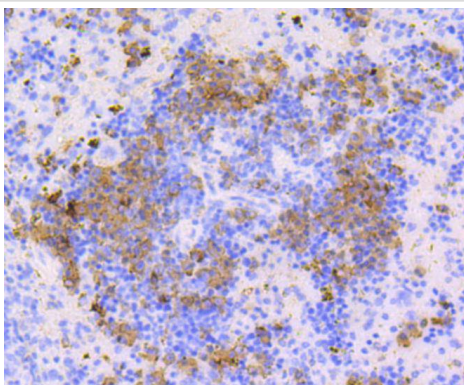
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD9 antibody. Counter stained with hematoxylin.



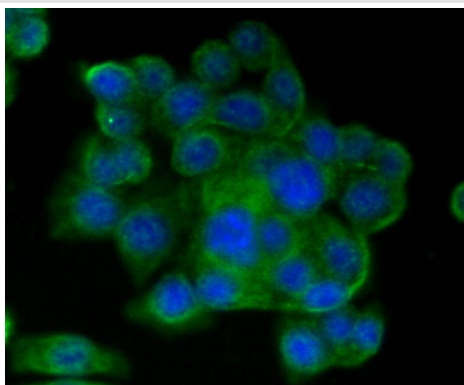
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD9 antibody. Counter stained with hematoxylin.



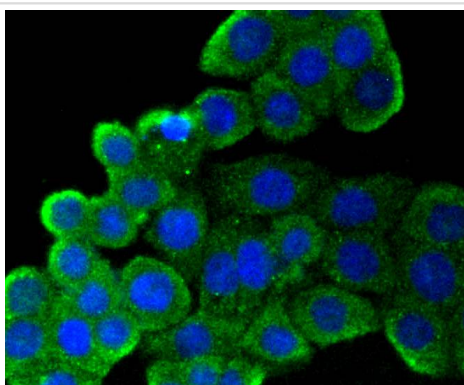
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-CD9 antibody. Counter stained with hematoxylin.



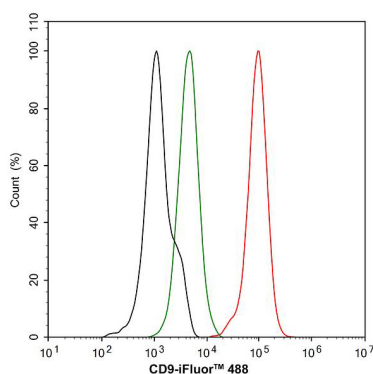
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-CD9 antibody. Counter stained with hematoxylin.



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