

## Purified Anti-human CD9 Antibody

**Alternate names:** Tetraspanin, MRP-1, DRAP-24

**Catalog No.:** RGAB101-####

**Amount:** 50/100 µg

**Host:** Mouse

**Isotype:** Mouse IgG1, κ

**Clonality:** Mouse Monoclonal Unconjugated

**Immunogen:** Recombinant human CD9 antigen

**Purification:** Protein A affinity chromatography

**Molecular Weight:** 24 kDa

**Form:** Liquid

**Formulation:** 0.5 mg/ml in Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

**Species Reactivity:** Human

**Storage Conditions:** Store at 2-8°C. DO NOT FREEZE!

**Description:** CD9 is a 24 kD type III transmembrane protein. It is a member of the tetraspan family (spanning the membrane four times) found on platelets, B cell progenitors, activated lymphocytes, granulocytes, endothelial cells and epithelial cells. CD9 is also abundant in exosomes membranes. Rengen Biosciences provides two anti-CD9 monoclonal antibodies, unconjugated or biotin conjugated, able to recognize the antigen with high efficiency in ELISA and flow cytometry applications in both cell lines and exosomes.

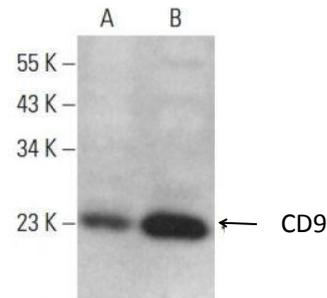
### Applications

WB: 1:250-1:1,000

FACS: 1:100

IF: 1:100

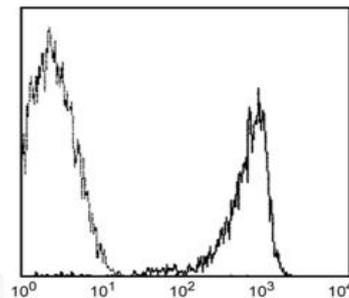
**NOTE:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**图 1. Detection of CD9 by Western Blot**

A. NIH/3T3 cells lysate

B. NIH/3T3 cells purified exosomes



**图 2. Detection of CD9 by FACS.**

CD9 staining of human plasma purified exosomes.

### RELATED PRODUCTS

Anti-human CD9 Biotin Conjugated Antibody (Cat. No. RGAB102-####)

Other exosome specific antibodies (Cat. No. RGAB100-50 to Cat. No. 120-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**