

For Research Use Only

# CoraLite®594 Anti-Mouse CD9 Rabbit Recombinant Antibody

Catalog Number:CL594-98270



## Basic Information

Catalog Number:

CL594-98270

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1397

GenBank Accession Number:

NM\_007657.3

GeneID (NCBI):

12527

UNIPROT ID:

P40240

Full Name:

CD9 antigen

Calculated MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

242432C7

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

## Background Information

The cell-surface molecule CD9, a member of the transmembrane-4 superfamily, interacts with the integrin family and other membrane proteins, and is postulated to participate in cell migration and adhesion. Expression of CD9 enhances membrane fusion between muscle cells and promotes viral infection in some cells (PMID:10459022). It is often used as a mesenchymal stem cell marker (PMID:18005405).

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

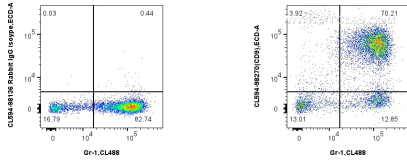
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

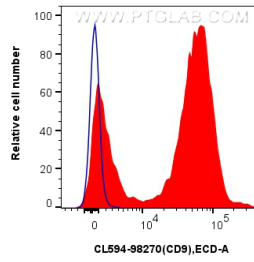
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with CoraLite® Plus 488 Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) (CL488-65140, Clone: RB6-8C5), and 0.25 ug CoraLite®594 Anti-Mouse CD9 Rabbit RecAb (CL594-98270, Clone:242432C7) or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug CoraLite®594 Anti-Mouse CD9 Rabbit RecAb (CL594-98270, Clone: 242432C7) (red) or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.