

For Research Use Only

# Biotin Anti-Human CD9 Rabbit scFv Antibody

Catalog Number: Biotin-SF98095



## Basic Information

Catalog Number:

Biotin-SF98095

Size:

100ug, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG1037

GenBank Accession Number:

NM\_001769.4

GeneID (NCBI):

928

Full Name:

CD9 molecule

Calculated MW:

25 kDa

Purification Method:

Affinity purification

CloneNo.:

240830E6

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

-

## Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

## 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 4% sucrose and 0.09% sodium azide, pH7.3

\*\*\* 20ul sizes contain 0.1% BSA

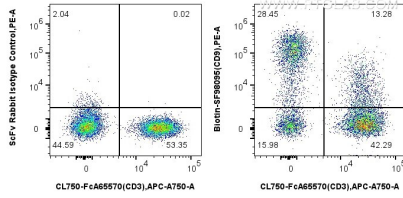
For technical support and original validation data for this product please contact:

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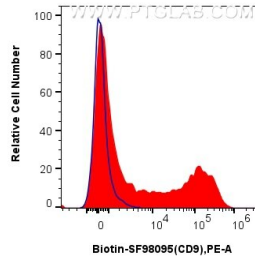
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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD9 Rabbit scFv Antibody (Biotin-SF98095, Clone: 240830E6) or 0.25 ug Isotype Control, and PE Streptavidin (Cat.No. PF00021). Cells were co-stained with 0.25 ug FcZero-rAb™ CoraLite® Plus 750 Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (CL750-FcA65570, Clone: UCHT1). Cells were not fixed.



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