Anti-Human CD9 Rabbit Recombinant Antibody

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Catalog Number:98095-1-RR

Basic Information

Catalog Number:
98095-1-RR

Size:
100ug, 1000 μg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_001769.4

GeneID (NCBI):
928

UNIPROT ID:
P21926

Full Name:
CD9 molecule

Calculated MW:
25kDa

Purification Method:
Protein A purfication

CloneNo.:
240830E6

Applications

Tested Applications:
FC

Species Specificity:
human

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). The CD9 antigen appears to be a 227-amino acid molecule with four hydrophobic domains and one N-glycosylation site (PMID: 1840589). This antibody detects bands of 23-30 kDa, it may be due to the difference of glycosylations (PMID: 8701996).

Storage

Storage:
Store at 2 - 8℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

Selected Validation Data
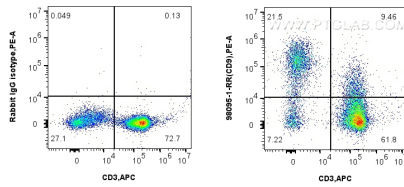
1x10^6 human PBMCs were surface stained with 0.25 ug Anti-Human CD9 Rabbit Recombinant Antibody (98095-1-RR, Clone:240830E6) or Isotype Control and PE-conjugated Goat Anti-Rabbit IgG. Cell were then stained with APC Anti-Human CD3 (OKT3) . Cells were not fixed.
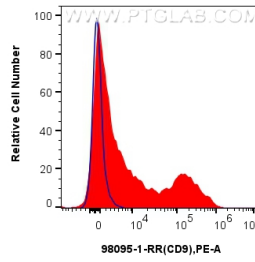
1x10^6 human PBMCs were surface stained with 0.25 ug Anti-Human CD9 Rabbit Recombinant Antibody (98095-1-RR, Clone:240830E6)(red) or Isotype Control (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.