

For Research Use Only

FcZero-rAb® PE-CoraLite® Plus 594 Anti-Human CD9 Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA98095



Basic Information

Catalog Number:
PCL594-FcA98095

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG1037

GenBank Accession Number:
NM_001769.4

GeneID (NCBI):
928

UNIPROT ID:
P21926

Full Name:
CD9 molecule

Calculated MW:
25 kDa

Purification Method:
Protein A purification

CloneNo.:
240830E6

Recommended Dilutions:
FC: 5 ul per 10⁶ cells in a 100 µl
suspension

**Excitation/Emission maxima
wavelengths:**
496 nm, 565 nm / 604 nm

Applications

Tested Applications:
FC

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 0.09% sodium azide and 0.5% BSA, pH7.3

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

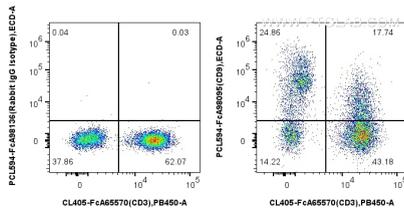
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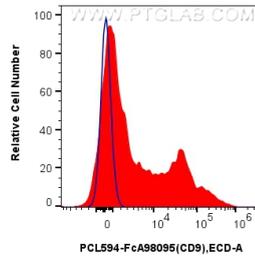
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 405 Anti-Human CD3 (UCHT1), and 5 ul PE-CoraLite® Plus 594 Anti-Human CD9 Rabbit RecAb (PCL594-FcA98095, Clone:240830E6) or 5 ul FcZero-rAb® PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul PE-CoraLite® Plus 594 Anti-Human CD9 Rabbit RecAb (PCL594-FcA98095, Clone:240830E6) (red) or FcZero-rAb® PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.