

For Research Use Only

# FcZero-rAb® PE-Cyanine7 Anti-Human CD9 Rabbit Recombinant Antibody

Catalog Number: PY7-FcA98095



## Basic Information

Catalog Number:

PY7-FcA98095

Concentration:

100 tests, 5 µl/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 µl per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 778 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:

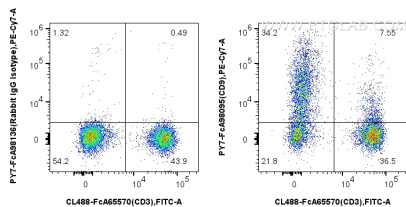
T: 4006900926

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

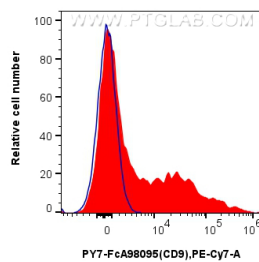
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD3 (UCHT1), and 5 ul PE-Cyanine7 Anti-Human CD9 Rabbit RecAb (PY7-FcA98095, Clone: 240830E6) or FcZero-rAb® PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul PE-Cyanine7 Anti-Human CD9 Rabbit RecAb (PY7-FcA98095, Clone: 240830E6) (red) or FcZero-rAb® PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.