

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD9 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98095



## Basic Information

Catalog Number:

CL488-FcA98095

Size:

100 tests, 5 µl / test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1037

GenBank Accession Number:

NM\_001769.4

GeneID (NCBI):

928

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:

491 nm / 516 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). 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°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

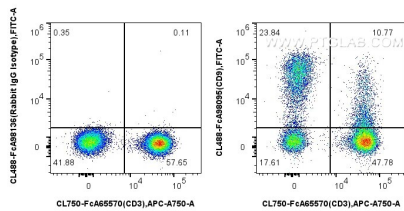
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 750 Anti-Human CD3 (UCHT1), and 5 ul FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD9 Rabbit RecAb (CL488-FcA98095, Clone: 240830E6) or FcZero-rAb™ CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.