

For Research Use Only

CoraLite® Plus 405 Anti-Human CD9 Rabbit scFv Antibody

Catalog Number: CL405-SF98095



Basic Information

Catalog Number:

CL405-SF98095

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 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

399 nm / 422 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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin 300, pH7.3

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

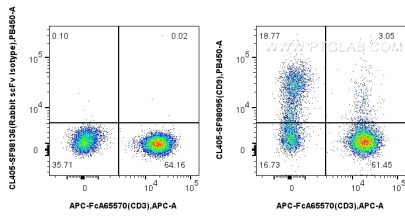
T: 4006900926

E: Proteintech-CN@ptglab.com

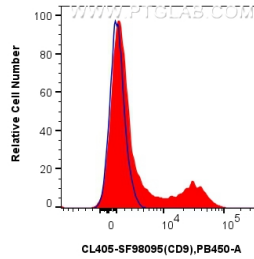
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb® APC Anti-Human CD3 (UCHT1), and 0.25 ug CoraLite® Plus 405 Anti-Human CD9 Rabbit scFv Antibody (CL405-SF98095, Clone: 240830E6) or CoraLite® Plus 405 Rabbit scFv Isotype Control (CL405-SF98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Human CD9 Rabbit scFv Antibody (CL405-SF98095, Clone: 240830E6) (red) or CoraLite® Plus 405 Rabbit scFv Isotype Control (CL405-SF98136, Clone: 240953C9) (blue). Cells were not fixed.