

For Research Use Only

# PerCP-Cyanine5.5 Anti-Human ALCAM Rabbit Recombinant Antibody

Catalog Number: CPY5-98645-2



## Basic Information

Catalog Number:

CPY5-98645-2

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5038

GenBank Accession Number:

BC137097

GeneID (NCBI):

214

UNIPROT ID:

Q13740

Full Name:

activated leukocyte cell adhesion molecule

Calculated MW:

583 aa, 65 kDa

Purification Method:

Protein A purification

CloneNo.:

251789D7

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

482 nm / 690 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : PHA treated human PBMCs,

## Background Information

Activated leukocyte cell adhesion molecule (ALCAM, also known as CD166) is a cell adhesion molecule that belongs to the immunoglobulin superfamily. It is involved in cell-cell adhesion through homophilic and heterophilic (to CD6) interactions. ALCAM is widely expressed in a variety of normal tissues. Altered ALCAM expression has been associated with the differentiation state and progression in some neoplasms including melanoma, prostate, colorectal, and breast cancers (PMID: 20461761; 18172759).

## 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:

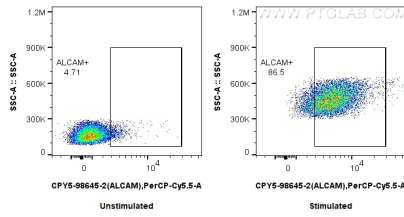
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

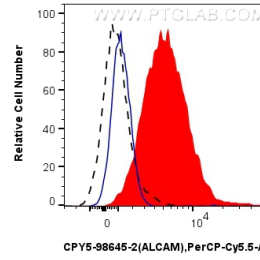
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## Selected Validation Data



1x10<sup>6</sup> untreated or PHA-treated human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human ALCAM Rabbit RecAb (CPY5-98645-2, Clone: 251789D7). Cells were not fixed.



1x10<sup>6</sup> PHA-treated human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human ALCAM Rabbit RecAb (CPY5-98645-2, Clone: 251789D7) (red) or PerCP-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (CPY5-98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human ALCAM Rabbit RecAb (CPY5-98645-2, Clone: 251789D7) (black, dashed). Cells were not fixed.