

For Research Use Only

# CoraLite® Plus 555 Anti-Human ALCAM (3A6)



Catalog Number: CL555-65223

## Basic Information

|                                       |  |   |
|---------------------------------------|--|---|
| <b>Catalog Number:</b><br>CL555-65223 | <b>GenBank Accession Number:</b><br>BC057809                       | <b>Purification Method:</b><br>Affinity purification                  |
| <b>Size:</b><br>100tests, 5 µl/test   | <b>GeneID (NCBI):</b><br>214                                       | <b>CloneNo.:</b><br>3A6   |
| <b>Source:</b><br>Mouse               | <b>UNIPROT ID:</b><br>Q13740                                       | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>554 nm / 570 nm |
| <b>Isotype:</b><br>IgG1, kappa        | <b>Full Name:</b><br>activated leukocyte cell adhesion<br>molecule |   |
|                                       | <b>Calculated MW:</b><br>105 kDa                                   |   |

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## 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 and cell types, including activated T cells and monocytes, epithelial cells, fibroblasts, neuronal cells, hepatocytes, and bone marrow mesenchymal stem cells (PMID: 7760007; 25221999). 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.

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

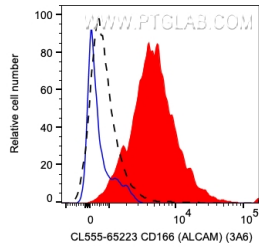
T: 4006900926

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

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

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1X10<sup>6</sup> PHA-treated (day 3) human PBMCs were surface stained with 5 ul CoraLite® Plus 555 Anti-Human ALCAM (CL555-65223, Clone:3A6) (red), or unstained (blue). The black dashed line indicates unactivated PBMCs surface stained with 5 ul CoraLite® Plus 555 Anti-Human ALCAM (CL555-65223, Clone:3A6). Cells were not fixed. Monocytes were gated.