

For Research Use Only

# Atlantic Blue™ Anti-Human ALCAM (3A6)



Catalog Number: **AB-65223**

## Basic Information

<b>Catalog Number:</b> AB-65223	<b>GenBank Accession Number:</b> BC057809	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 214	<b>CloneNo.:</b> 3A6
<b>Source:</b> Mouse	<b>Full Name:</b> activated leukocyte cell adhesion molecule	<b>Excitation/Emission maxima wavelengths:</b> 404 nm / 458 nm
<b>Isotype:</b> IgG1, kappa	<b>Calculated MW:</b> 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 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).

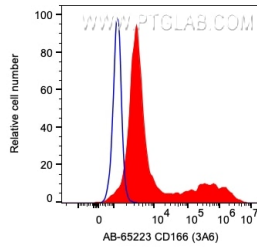
## Storage

**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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



$1 \times 10^6$  PHA activated human PBMCs were surface stained with 5  $\mu$ l Atlantic Blue™ Anti-Human ALCAM (AB-65223, Clone:3A6). Cells were not fixed. Monocytes were gated.