

For Research Use Only

Atlantic Blue™ Anti-Human ALCAM (3A6)



Catalog Number: AB-65223

Basic Information

Catalog Number: AB-65223	GenBank Accession Number: BC057809	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 214	CloneNo.: 3A6
Source: Mouse	UNIPROT ID: Q13740	Excitation/Emission maxima wavelengths: 404 nm / 458 nm
Isotype: IgG1, kappa	Full Name: activated leukocyte cell adhesion molecule	
	Calculated MW: 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:

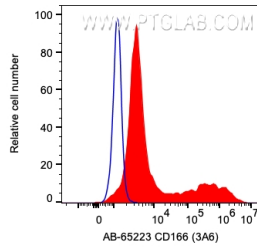
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



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