

For Research Use Only

Anti-Human ALCAM (3A6) Mouse IgG2a Recombinant Antibody



Catalog Number: 65611-1-MR

Basic Information

Catalog Number: 65611-1-MR	GenBank Accession Number: BC057809	Purification Method: Protein A purification
Size: 100ug, 1 mg/ml	GeneID (NCBI): 214	CloneNo.: 3A6
Source: Mouse	Full Name: activated leukocyte cell adhesion molecule	
Isotype: IgG2a	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. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

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

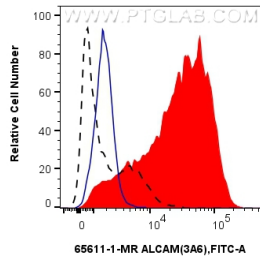
T: 4006900926

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



1x10⁶ PHA treated human PBMCs were surface stained with 0.25 ug Anti-Human ALCAM Mouse IgG2a Recombinant Antibody (65611-1-MR, Clone: 3A6) (red) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) (blue), and CoraLite@488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Untreated human PBMCs were surface stained with 0.25 ug Anti-Human ALCAM Mouse IgG2a Recombinant Antibody (65611-1-MR, Clone: 3A6) and CoraLite@488-

