

For Research Use Only

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

Catalog Number: 65611-1-PBS



Basic Information

Catalog Number:

65611-1-PBS

Concentration:

1mg, 2 mg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC057809

GeneID (NCBI):

214

Full Name:

activated leukocyte cell adhesion molecule

Calculated MW:

105 kDa

Purification Method:

Protein A purification

CloneNo.:

3A6

Applications

Tested Applications:

IF/ICC, 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

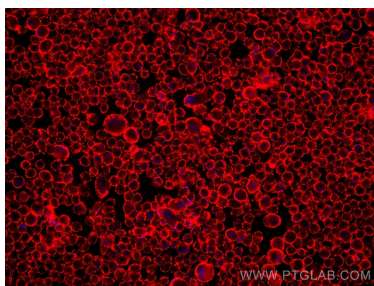
T: 4006900926

E: Proteintech-CN@ptglab.com

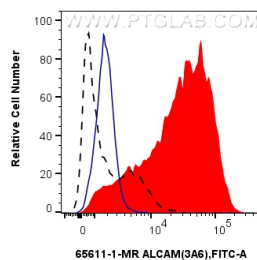
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of un-fixed hTERT-RPE1 cells using ALCAM antibody (65611-1-MR, Clone: 3A6) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004). This data was developed using the same antibody clone with 65611-1-PBS in a different storage buffer formulation.



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-

