

For Research Use Only

Anti-Human ALCAM Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98645-2-PBS



Basic Information

Catalog Number: 98645-2-PBS	GenBank Accession Number: BC137097	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 214	CloneNo.: 251789D7
Source: Rabbit	UNIPROT ID: Q13740	
Isotype: IgG	Full Name: activated leukocyte cell adhesion molecule	
Immunogen Catalog Number: EG5038	Calculated MW: 583 aa, 65 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. 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, pH7.3

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

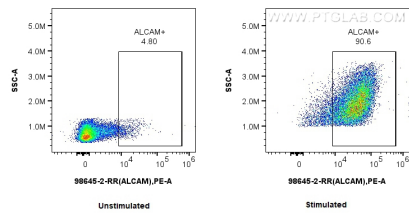
T: 4006900926

E: Proteintech-CN@ptglab.com

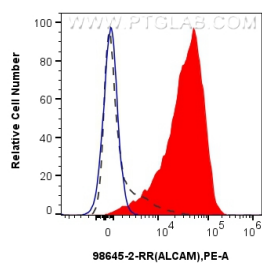
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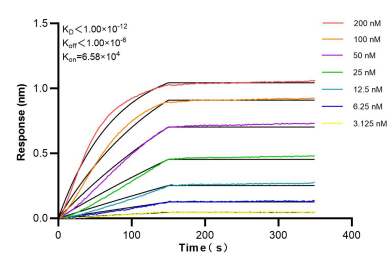
Selected Validation Data



1x10⁶ untreated or PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human ALCAM Rabbit RecAb (98645-2-RR, Clone: 251789D7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98645-2-PBS in a different storage buffer formulation.



1x10⁶ PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human ALCAM Rabbit RecAb (98645-2-RR, Clone: 251789D7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human ALCAM Rabbit RecAb (98645-2-RR, Clone:251789D7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (black, dashed). Cells



Biolayer interferometry (BLI) kinetic assays of 98645-2-RR against Human ALCAM were performed. The affinity constant is below 1 pM.