

For Research Use Only

ICAM3/CD50 Recombinant antibody

Catalog Number: 84335-5-RR



Basic Information

Catalog Number: 84335-5-RR	GenBank Accession Number: BC058903	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3385	CloneNo.: 241417F3
Source: Rabbit	UNIPROT ID: P32942	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: intercellular adhesion molecule 3	
	Calculated MW: 547 aa, 60 kDa	
	Observed MW: 110-130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, U-937 cells, Ramos cells
Species Specificity: human	

Background Information

Intercellular Adhesion Molecule 3 (ICAM-3), also known as CD50, is a member of the immunoglobulin superfamily. It is a transmembrane glycoprotein that contains an N-terminus extracellular domain, a single transmembrane domain, and a C-terminus cytoplasmic domain. ICAM-3 possesses 2-9 Ig-like C2-type domains in its extracellular region and is known to bind to the leukocyte adhesion protein LFA-1. This molecule is expressed on leukocytes and epidermal Langerhans cells and plays a significant role in immune cell interactions and T lymphocyte activation.

Storage

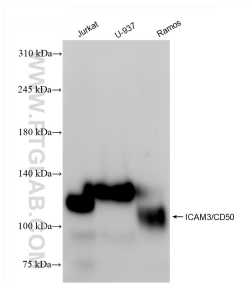
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

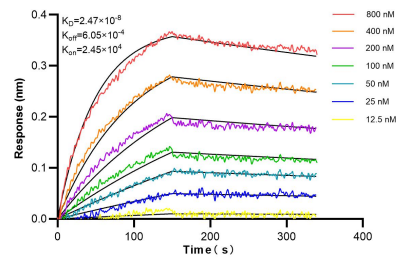
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84335-5-RR (ICAM3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84335-5-RR against Human ICAM3/CD50 were performed. The affinity constant is 24.7 nM.