

For Research Use Only

ICAM3/CD50 Recombinant antibody, PBS Only

Catalog Number: 84335-5-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

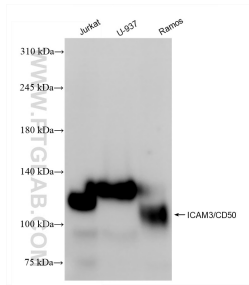
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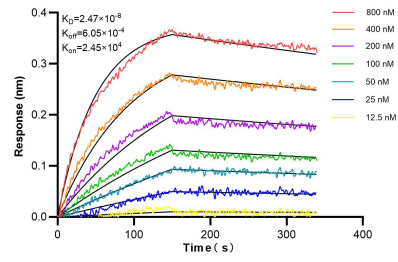
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Selected Validation Data



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. This data was developed using the same antibody clone with 84335-5-PBS in a different storage buffer formulation.



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