

For Research Use Only

ICAM3/CD50 Recombinant antibody

Catalog Number: 84335-5-RR



Basic Information

Catalog Number:

84335-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC058903

GeneID (NCBI):

3385

UNIPROT ID:

P32942

Full Name:

intercellular adhesion molecule 3

Calculated MW:

547 aa, 60 kDa

Observed MW:

110-130 kDa

Purification Method:

Protein A purification

CloneNo.:

241417F3

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, U-937 cells, Ramos cells

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

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

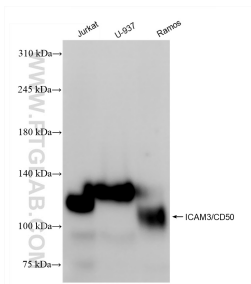
T: 4006900926

E: Proteintech-CN@ptglab.com

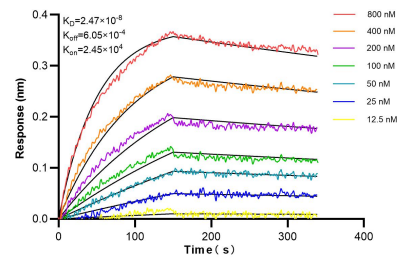
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Selected Validation Data



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.