

For Research Use Only

# ICAM3/CD50 Recombinant antibody

Catalog Number: 84335-3-RR



## Basic Information

Catalog Number:

84335-3-RR

Concentration:

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

Purification Method:

Protein A purification

CloneNo.:

241418C10

Recommended Dilutions:

IF/ICC 1:125-1:500

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : 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:

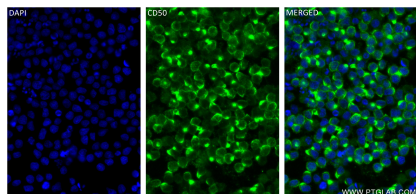
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

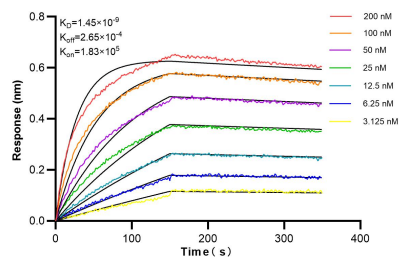
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Ramos cells using ICAM3 antibody (84335-3-RR, Clone: 241418C10) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 84335-3-RR against Human ICAM3/CD50 were performed. The affinity constant is 1.45 nM.