

For Research Use Only

# ICAM-2/CD102 Recombinant antibody

Catalog Number: 84857-3-RR



## Basic Information

<b>Catalog Number:</b> 84857-3-RR	<b>GenBank Accession Number:</b> NM_001099789.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3384	<b>CloneNo.:</b> 242237G11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13598	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:250-1:1000
<b>Isotype:</b> IgG	<b>Full Name:</b> intercellular adhesion molecule 2	
	<b>Calculated MW:</b> 31kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HUVEC cells
<b>Species Specificity:</b> human	<b>IF/ICC :</b> HUVEC cells,

## Background Information

ICAM2 is a cell adhesion protein having important roles in cell migration, especially during inflammation when leukocytes cross the endothelium. Initially described as a receptor for lymphocyte function-associated antigen-1 (LFA1), ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. ICAM2 has six N-linked glycosylation sites at amino acids (asparagines) 47, 82, 105, 153, 178 and 187.

## Storage

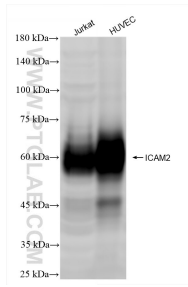
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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  
W: ptglab.com

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using ICAM-2/CD102 antibody (84857-3-RR, Clone: 242237G11) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).

Various lysates were subjected to SDS PAGE followed by western blot with 84857-3-RR (ICAM-2/CD102 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.