

For Research Use Only

# ICAM-1 Recombinant antibody

Catalog Number: 83069-6-RR



## Basic Information

<b>Catalog Number:</b> 83069-6-RR	<b>GenBank Accession Number:</b> BC015969	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 3383	<b>CloneNo.:</b> 230342A2
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000090339	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF 1:50-1:500
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P05362	
	<b>Full Name:</b> intercellular adhesion molecule 1	
	<b>Calculated MW:</b> 90 kDa	
	<b>Observed MW:</b> 85-95 kDa	

## Applications

<b>Tested Applications:</b> WB,IF/ICC,ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> HUVEC cells, Raji cells, Daudi cells <b>IF :</b> HeLa cells,

## Background Information

ICAM-1 (CD54) is a 90-kDa transmembrane glycoprotein of the immunoglobulin superfamily and is critical for the firm attachment and transmigration of leukocytes out of blood vessels and into tissues (PMID: 19307690). ICAM-1 is expressed by several cell types, typically on endothelial cells and cells of the immune system, and its expression can be up-regulated by various stimuli, including TNF- $\alpha$ , INF- $\gamma$ , IL-1 and thrombin (PMID: 3086451; 9694714; 15979056). It is a ligand for LFA-1 and Mac-1, serves as a receptor for rhinovirus, and is one of several receptors used by Plasmodium falciparum (PMID: 2566624; 2538244; 2475784).

## 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:

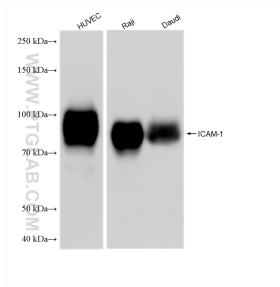
T: 4006900926

E: Proteintech-CN@ptglab.com

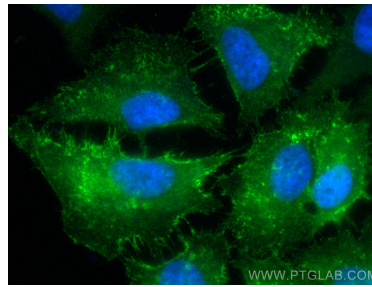
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83069-6-RR (ICAM-1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ICAM-1 antibody (83069-6-RR, Clone: 230342A2) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).