

For Research Use Only

# ICAM2 Polyclonal antibody

Catalog Number: 27322-1-AP



## Basic Information

<b>Catalog Number:</b> 27322-1-AP	<b>GenBank Accession Number:</b> BC003097	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 350 µg/ml	<b>GeneID (NCBI):</b> 3384	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13598	
<b>Isotype:</b> IgG	<b>Full Name:</b> intercellular adhesion molecule 2	
<b>Immunogen Catalog Number:</b> AG25952	<b>Calculated MW:</b> 31 kDa	
	<b>Observed MW:</b> 55-80 kDa	

## Applications

<b>Tested Applications:</b> FC, WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, mouse lung tissue, Jurkat cells, HUVEC cells
<b>Species Specificity:</b> human, mouse	

## 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. This antibody got 55-80 kDa in western blotting maybe due to glycosylation.

## 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:

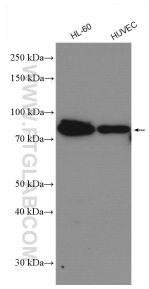
T: 4006900926

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

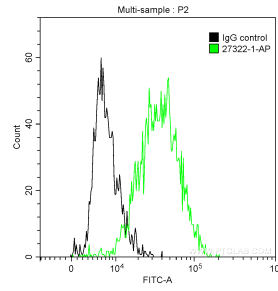
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27322-1-AP (ICAM2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> HUVEC cells were stained with 0.2 ug Anti-Human ICAM2 (27322-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.