

For Research Use Only

# ICAM2/CD102 Polyclonal antibody

Catalog Number: 27322-1-AP



## Basic Information

### Catalog Number:

27322-1-AP

### Size:

150ul , Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG25952

### GenBank Accession Number:

BC003097

### GeneID (NCBI):

3384

### UNIPROT ID:

P13598

### Full Name:

intercellular adhesion molecule 2

### Calculated MW:

31 kDa

### Observed MW:

55-80 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

WB : HL-60 cells, mouse lung tissue, Jurkat cells, 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. 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

\*\*\* 20ul sizes contain 0.1% BSA

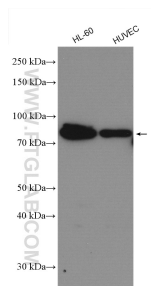
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## Selected Validation Data



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.