

## ICAM1 (ANT0033R) Rabbit mAb

CatalogNo: ANT8074 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA  
Quantity : 100 ug/vial

### Host Species

- Rabbit
- Human,
- WB,IHC,IF,IP,ELISA

### Reactivity

### Applications

### MW

- 58kD (Calculated)
  - IgG,Kappa
- 100kD (Observed)

### Isotype

## Recommended Dilution Ratios

IHC 1:100-200

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

## Basic Information

**Clonality** Monoclonal

**Clone Number** ANT0033R

## Target Information

Endogenous

Gene name ICAM1  
Protein Name Intercellular adhesion molecule 1

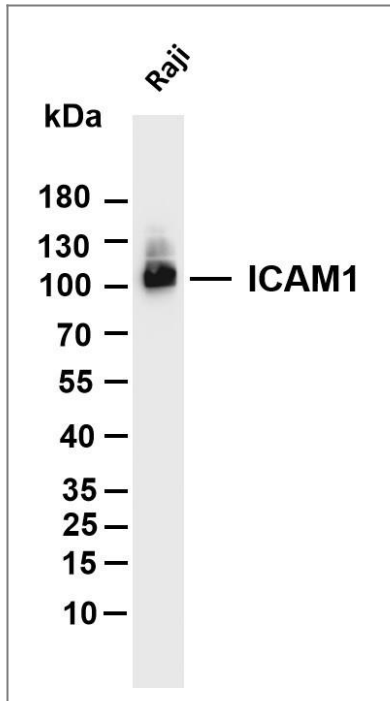
Organism	Gene ID	UniProt ID
Human	<a href="#">3383</a> ;	<a href="#">P05362</a> ;
Mouse		<a href="#">P13597</a> ;

Cellular Localization Membranous

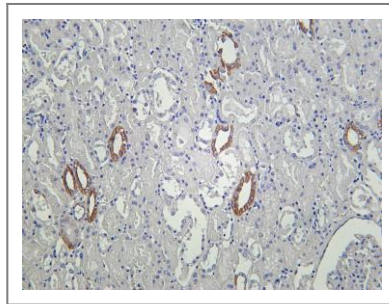
Tissue specificity Blood,Kidney,Liver,Melanoma,Plasma,

Function Function:ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alphaL/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.,online information:ICAM-1,online information:Icosahedral capsid structure,online information:Intercellular adhesion molecule entry,polymorphism:Homozygotes with ICAM1-Kalifi Met-56 seem to have an increased risk for cerebral malaria.,ANTM:Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.,similarity:Belongs to the immunoglobulin superfamily. ICAM family.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Homodimer (Probable). Interacts with human herpesvirus 8 MIR2 protein (Probable). Interacts with MUC1 and promotes cell aggregation in epithelial cells. Interacts with SGEF. Binds to coxsackievirus A21 capsid proteins and acts as a receptor for this virus.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ICAM1 (ANT0033R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Raji Predicted band size: 58kDa Observed band size: 100kDa



(ANT0033R) rabbit antibody

Human kidney was stained with Anti-ICAM1

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