

## ICAM-1 Rabbit pAb

CatalogNo: YT2269 **Orthogonal Validated** 

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, IHC, IF, ELISA

**MW**

- 58kD (Calculated)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000****ELISA 1:10000****IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human ICAM-1. AA range: 479-528**Specificity** ICAM-1 Polyclonal Antibody detects endogenous levels of ICAM-1 protein.

### Target Information

**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** Membrane; Single-pass type I membrane protein.

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

**Function** Function:ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/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.,PTM: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

## Contact information

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**ICAM-1 Rabbit pAb**

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