

## CD54 (ABT-CD54) IHC kit

CatalogNo: IHCM6573

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human,

#### Applications

- IHC

#### Isotype

- IgG1,Kappa

### Recommended Dilution Ratios

### Storage

**Storage\*** 2°C to 8°C/1 year

### Basic Information

**Clonality** Monoclonal

**Clone Number** ABT-CD54

### Immunogen Information

**Immunogen** Synthesized peptide derived from human CD54 AA range: 100-200

**Specificity** The antibody can specifically recognize human CD54 protein.

### Target Information

**Gene name** ICAM1

**Protein Name** Intercellular adhesion molecule 1 (ICAM-1) (Major group rhinovirus receptor) (CD antigen CD54)

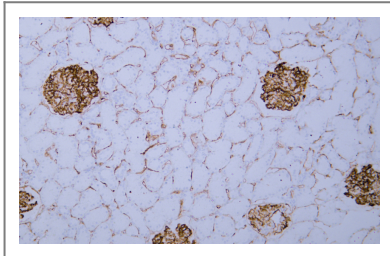
Organism	Gene ID	UniProt ID
Human	<a href="#">3383</a> ;	<a href="#">P05362</a> ;

**Cellular Localization** Membranous

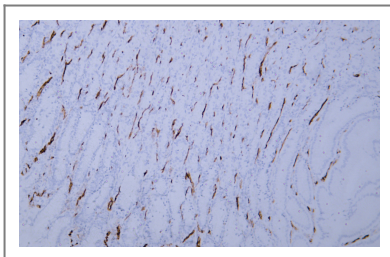
**Tissue specificity** Blood,Kidney,Liver,Melanoma,Plasma,

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

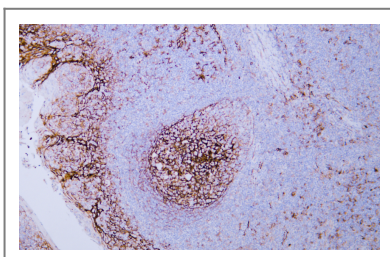
## Validation Data



Human kidney tissue was stained with Anti-CD54 (ABT-CD54) Antibody



Human stomach tissue was stained with Anti-CD54 (ABT-CD54) Antibody



Human tonsil tissue was stained with Anti-CD54 (ABT-CD54) Antibody

## | Contact information

Orders: order@immunoway.com  
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Please scan the QR code  
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product information:  
**CD54 (ABT-CD54)**  
**IHC kit**

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