

## Rabbit anti-Human, Mouse PECAM1 Polyclonal Antibody | anti-PECAM1 antibody

PECAM1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA240147 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

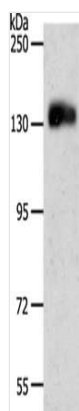
### PRODUCT SYNONYMS

PECAM1; Polyclonal Antibody; PECAM1 Antibody; Platelet/endothelial cell adhesion molecule 1; anti-PECAM1 antibody

### PRODUCT SPECIFICATIONS

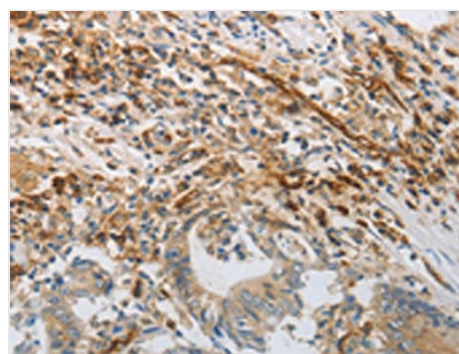
|                                                  |                                                                                         |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                  |
| Reactivity                                       | Human, Mouse                                                                            |
| Clonality                                        | Polyclonal                                                                              |
| Isotype                                          | IgG                                                                                     |
| Purity/Purification                              | Antigen Affinity Purification                                                           |
| Form/Format                                      | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-PECAM1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                        | Synthetic peptide of human PECAM1                                                       |
| Immunogen Species                                | Human                                                                                   |
| Conjugate                                        | Non-conjugated                                                                          |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



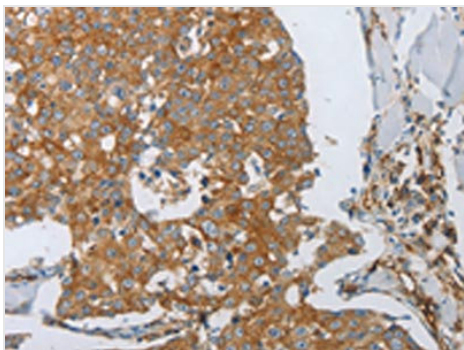
#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 60 ug, Lane: Jurkat cells, Primary antibody: AAA240147(PECAM1 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 minutes



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using AAA240147(PECAM1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)



**IHC (Immunohistochemistry)**  
 The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using AAA240147(PECAM1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                    |                |
|----------------------------------------------------|----------------|
| Product Categories/Family for anti-PECAM1 antibody | Cardiovascular |
|----------------------------------------------------|----------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 313760624                                                                                      |
| NCBI GeneID                      | 5175                                                                                           |
| NCBI Accession #                 | NP_000433.4                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000442.4                                                                                    |
| UniProt Accession #              | P16284; Q6LDA9; Q8TBH1; Q96RF5; Q96RF6; Q9NP65; Q9NPB7; Q9NPG9; Q9NQS9; Q9NQT0; Q9NQT1; Q9NQT2 |
| Molecular Weight                 | 82,536 Da                                                                                      |
| NCBI Official Full Name          | platelet endothelial cell adhesion molecule                                                    |
| NCBI Official Synonym Full Names | platelet/endothelial cell adhesion molecule 1                                                  |
| NCBI Official Symbol             | PECAM1                                                                                         |
| NCBI Official Synonym Symbols    | CD31; PECA1; GPIIA <sup>+</sup> ; PECAM-1; endoCAM; CD31/EndoCAM                               |
| NCBI Protein Information         | platelet endothelial cell adhesion molecule; CD31 antigen                                      |
| UniProt Protein Name             | Platelet endothelial cell adhesion molecule                                                    |
| UniProt Gene Name                | <b>PECAM1</b>                                                                                  |
| UniProt Synonym Gene Names       | PECAM-1                                                                                        |
| UniProt Entry Name               | PECA1_HUMAN                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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