

## CD31 Recombinant antibody

**Cat:**B32027R

**Company:** Haokebio

**Uniprot ID:**P16284

**Applications:** IHC:1:100-1:200

**Organism:**Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:**Human

TSA:1:500-1:1000

### Background:

CD31, also known as PECAM-1 (Platelet Endothelial Cell Adhesion Molecule-1), is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. It plays a crucial role in platelet adhesion and aggregation. CD31 is present on the surface of platelets, monocytes, macrophages, and neutrophils, and is a component of the junctions between endothelial cells. CD31 is generally regarded as the most sensitive and specific endothelial marker in paraffin sections, and it is one of the best markers for benign tumors and malignant hemangiomas.

### Protein full name:

platelet/endothelial cell adhesion molecule

### Synonyms:

PECAM1, PECAM 1, PECA1, GPIIA', GPIIA

### Immunogen:

Peptide

### Isotype:

IgG

### Subcellular location:

Cell membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

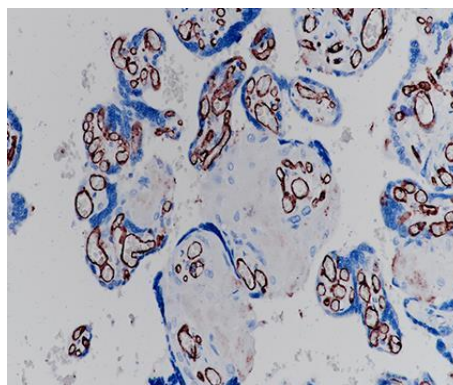
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Human placenta tissue, 4% PFA 12-24h

### Source of Reagents:

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