

Recombinant CD31 Monoclonal Antibody

catalog number: **E-AB-81462**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

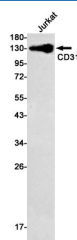
Reactivity	Human
Immunogen	A synthetic peptide of human CD31
Host	Rabbit
Isotype	IgG
Clone	R07-6A1
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:1000-1:5000
IHC	1:20-1:100

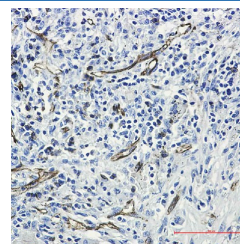
Data



Western blot detection of CD31 in Jurkat cell lysates using CD31 Rabbit mAb(1:500 diluted). Predicted band size: 83kDa. Observed band size: 130kDa.

Observed-MW: 130 kDa

Calculated-MW: 83 kDa



Immunohistochemistry of CD31 in paraffin-embedded Human lung cancer tissue using CD31 Rabbit mAb at dilution 1/50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Platelet endothelial cell adhesion molecule-1 (PECAM-1, CD31) is a member of the immunoglobulin gene superfamily of cell adhesion molecules. It is highly expressed on the surface of the endothelium, making up a large portion of its intracellular junctions. PECAM-1 is also present on the surface of hematopoietic cells and immune cells including platelets, monocytes, neutrophils, natural killer cells, megakaryocytes and some types of T-cell. As well as its role in cell-cell adhesion, PECAM-1 functions as a signaling receptor, and is involved in important physiological events such as nitric oxide production, regulation of T-cell immunity and tolerance, leukocyte transendothelial migration and inflammation and angiogenesis.

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