Recombinant CD31 Monoclonal Antibody

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

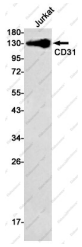
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide of human CD31
Host	Rabbit
Isotype	Rabbit IgG
Clone	C323248
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

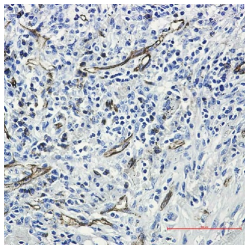
Data



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 cel l-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 .

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com