

Basic Information

Product Name	Anti-CD31/PECAM1 Antibody (Clone#CEE-16)		
Gene Name	PECAM1		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	human		
Tested Application	WB,IHC,IP,FCM		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human CD31		
Concentration	500 ug/ml		
Purification	Affinity-chromatography		
Observed MW	120-130 kDa		
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 ImmunoPrecipitation (IP): 1:20 Flow Cytometry (FCM): 1:20		

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

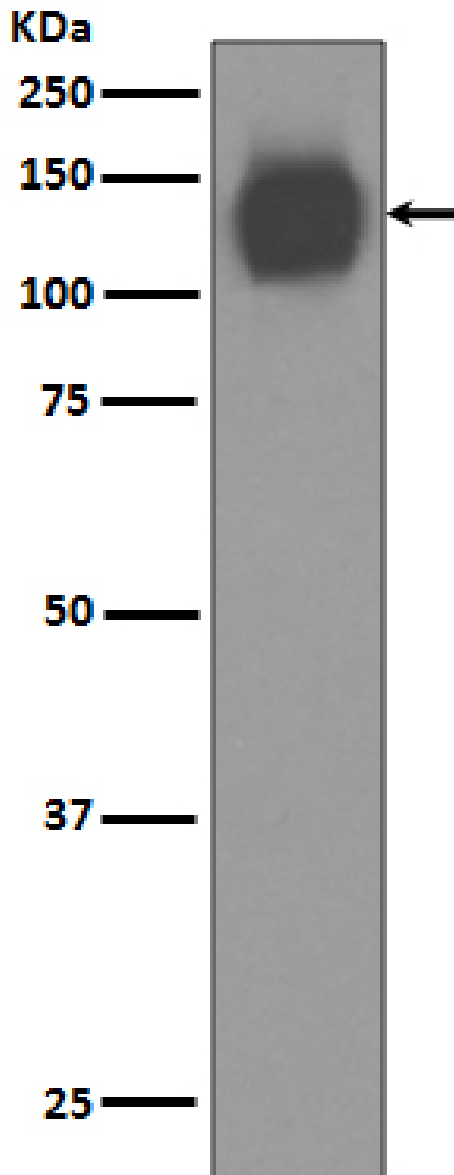
CD31 also known as Platelet endothelial cell adhesion molecule (PECAM-1), is a protein that in human is encoded by the PECAM1 gene. Encoded protein is a member of the immunoglobulin superfamily, CD31 is mapped to 17q23.3. CD31 is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. It is demonstrated that CD31 expression on human PBSCs may positively affect both neutrophil and platelet engraftment. Meanwhile, CD31 is involved in leukocyte migration and angiogenesis, which are key components of venous thrombus resolution.

Reference

Anti-CD31/PECAM1 Antibody (Clone#CEE-16)被引用在3文献中。

Selected Validation Data

Western blot analysis of CD31 expression in THP-1 cell lysates.



Product datasheet

**Anti-CD31/PECAM1 Antibody
(Clone#CEE-16)**

Catalog Number: BM4213

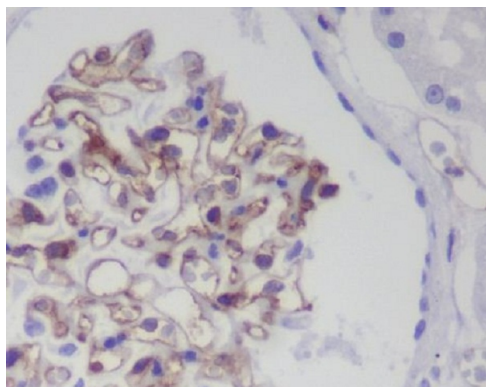
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Immunohistochemical analysis of paraffin-embedded human kidney, using CD31 Antibody.