

## Basic Information

Product Name	Anti-CD31/PECAM1 Antibody
Gene Name	Pecam1
Source	Rabbit
Isotype	IgG
Species Reactivity	mouse
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E. coli-derived mouse CD31 recombinant protein (Position: R58-Q273).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	120-130KD
Dilution Ratios	Western blot(WB):1:500-2000 (ELISA): 1:100-1000

## 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 and this gene 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被引用在2文献中。

## Selected Validation Data