

Basic Information

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| Product Name | Anti-CD31/PECAM1 Antibody | |
| Gene Name | PECAM1 | |
| Source | Rabbit | |
| 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 and 50% glycerol. | |
| Immunogen | A synthesized peptide derived from human CD31 | |
| concentration | 500 ug/ml | |
| Purification | Affinity-chromatography | |
| Observed MW | 120-130KD | |
| Dilution Ratios | Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:20-100 Immunoprecipitation: 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.

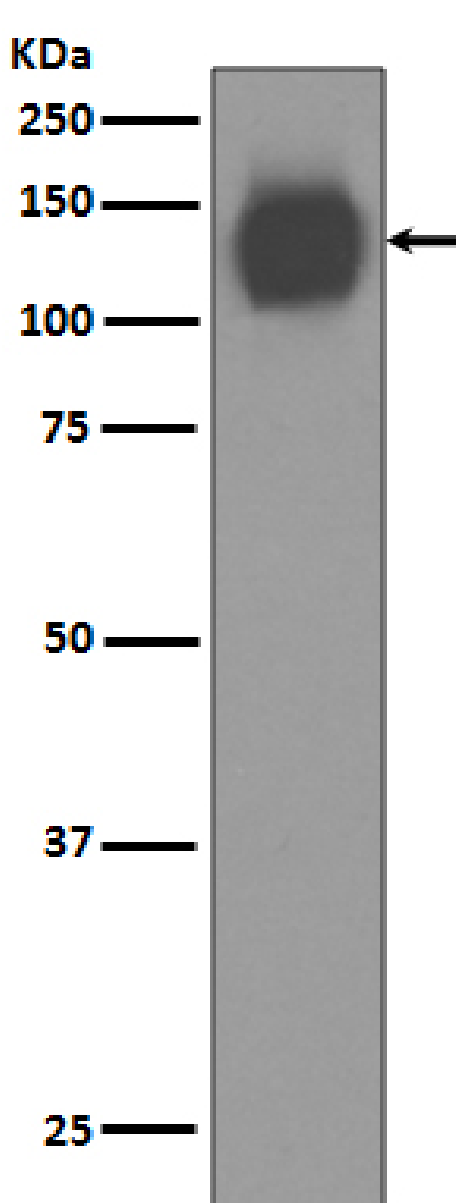
Background Information

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被引用在2文献中。

Selected Validation Data



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