

Product datasheet for **AM32333PU-N**

CD31 (PECAM1) Mouse Monoclonal Antibody [Clone ID: VM64]

Product data:

Product Type:	Primary Antibodies
Clone Name:	VM64
Applications:	FN, IF, IHC, WB
Recommended Dilution:	Western Blot. Flow Cytometry. Functional Assay. Immunofluorescence. Immunohistochemistry on frozen sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody is directed against the CD31 antigen, a 140 kD protein, which is expressed on human platelets and endothelial cells and is designated as PECAM-1 (platelet-endothelial cell adhesion molecule). The antibody reacts with platelets, monocytes/macrophages, granulocytes and B-cells. It stains the cell boundaries of endothelial cells with a staining pattern identical to that of silverstaining. Furthermore in histology it stains weakly histocytes and glomeruli.
Formulation:	PBS State: Purified State: Lyophilized purified Ig fraction Preservative: 0,09% sodium azide
Reconstitution Method:	Reconstitute with 1 ml. sterile water.
Purification:	Ammonium sulfate + DEAE-cellulose, gradient elution
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	platelet and endothelial cell adhesion molecule 1



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Database Link: [Entrez Gene 5175 Human P16284](#)

Synonyms: PECAM-1, EndoCAM, GPIIA'