

*Mouse anti-Human CD31 (PECAM-1)*

Clone VM64

Cat. no. MON 1142

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**Specificity**

MON1142 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.

**Immunoglobulin type**

Mouse IgG2b<sub>k</sub>

**Use**

The antibody can be used for immunoblotting under non reducing conditions. The antibody is useful for indirect immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy and for immunohistochemistry.

**Presentation**

1 ml lyophilized purified antibody solution(0.2 mg/ml) in PBS containing 3mM sodium azide.  
Reconstitute with 1 ml. sterile water.

**References**

- Mazurov, A., et al., 1991, Thromb. Haemost. 66, 494-499.

**Storage**

Store lyophilized or aliquoted antibody after reconstitution at -20°C until expiry date.

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