

Product Data Sheet: CD31 / PECAM-1 (Endothelial Cell Marker) Mouse Monoclonal Antibody

Cat. No: MAB-94774
Conjugate: Unconjugated

Size: 250 ul

Clone: JC/70A

Concentration: 250ug/ml

Host: Mouse

Isotype: IgG1, Kappa

Immunogen: Membrane preparation of a spleen from a patient with hairy cell leukemia.

Reactivity: Human

Applications: Immunohistochemistry (Frozen and Formalin-fixed): 1:500-1:1000 Flow Cytometry: 1-2µg/million cells Immunofluorescence: 1:500-1:1000 Western Platting: 1:500 1:1000 Immunographic Institute (Institute Institute Inst

Blotting: 1:500-1:1000 Immunoprecipitation: 1:500-1:1000 protein lysate

Molecular Weight: ~100kDa (endothelium) and ~130kDa (platelets)

Synonyms: EndoCAM; PECA1; Platelet Endothelial Cell Adhesion Molecule 1; GPIIA'

CD31 (PECAM-1) is a transmembrane glycoprotein member of the

immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experimental studies as well as for bone marrow

transplantation. The level of CD31 expression can help to determine the degree of tumor angiogenesis, and a high level of CD31 expression may imply a rapidly

growing tumor and potentially be a predictor of tumor recurrence.

Form: Liquid

Background:

Buffer: 250μg/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in

10mM PBS with 0.05% BSA & 0.05% azide.

Storage: Store at 2~8°C, Avoid freeze / thaw cycles