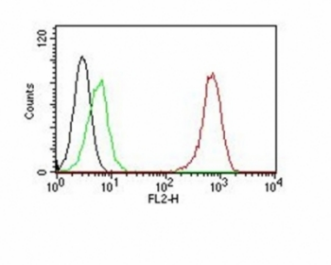
PECAM Antibody SPM122 PE Conjugate [clone SPM122] (V2780PE)

Catalog No.	Formulation	Size
V2780PE-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	PE Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM122
Purity	Protein G affinity chromatography
UniProt	P16284
Localization	Cell surface and cytoplasm of endothelial cells
Applications	Flow Cytometry: 5ul per test per one million cells in 0.1ml
Limitations	This PECAM Antibody SPM122 PE Conjugate is available for research use only.



PECAM Antibody SPM122 PE Conjugate FACS Analysis. Flow Cytometry testing of Jurkat cells. Black: cells alone; Green: isotype control; Red: PE-labeled PECAM antibody (SPM122).

Description

PECAM Antibody SPM122 PE Conjugate stains CD31 (PECAM-1), 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. Anti-CD31 has shown to be highly specific and sensitive for vascular endothelial cells. Staining of nonvascular tumors (excluding hematopoietic neoplasms) is rare. CD31 mAb reacts with normal, benign, and malignant

endothelial cells which make up blood vessel lining. 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 a predictor of tumor recurrence.

For a Protein Microarray Validated monoclonal antibody with CD31 as the primary designation, see our CD31 Antibody PECAM1/3527 / PECAM-1 Monoclonal Antibody.

Application Notes

Optimal dilution of the PECAM Antibody SPM122 PE Conjugate should be determined by the researcher.

Immunogen

Membrane preparation of a spleen from a patient with hairy cell leukemia was used as the immunogen for the PECAM Antibody SPM122 PE Conjugate

Storage

Store the PECAM Antibody SPM122 PE Conjugate at 2-8oC. Conjugate is light sensitive, store in the dark.

Alternate Names

CD31 antibody, PECAM1 antibody, Platelet Endothelial Cell Adhesion Molecule 1 antibody, PECA1 antibody, EndoCAM antibody

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