

## Product datasheet for **SM1791F**

### CD34 Class III Mouse Monoclonal Antibody [Clone ID: 581]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	581
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> use 10 µl of neat-1/10 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the Human CD34 cell surface antigen, binding to an epitope classified as class III (resistant to Neuraminidase, Chymopapain and Glycoprotease).
Formulation:	PBS, pH 7.3, containing 0.2% BSA as stabilizer and 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD34 molecule
Database Link:	<a href="#">Entrez Gene 947 Human P28906</a>
Background:	CD34 is a 105-120 kD glycoprotein, expressed by haematopoietic stem cells and endothelial cells.
Synonyms:	Hematopoietic progenitor cell marker



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