

Product datasheet for **SM1791R**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	581
Applications:	FC
Recommended Dilution:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human T lymphocytes.
Specificity:	This antibody recognises the CD34 cell surface antigen, binding to an epitope classified as class III (resistant to neuraminidase, chymopapain and glycoprotease).
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 0.2% Bovine Serum Albumin Label: PE State: Liquid purified IgG Label: R. Phycoerythrin (RPE)
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: 6 month from despatch.
Gene Name:	CD34 molecule
Database Link:	Entrez Gene 947 Human P28906
Background:	CD34 is a 105-120 kD glycoprotein, expressed by haematopoietic stem cells and endothelial cells.



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Synonyms: Hematopoietic progenitor cell marker