

Monoclonal Antibody to CD34 Class III - PE

Alternate names:	Hematopoietic progenitor cell antigen CD34, Hematopoietic progenitor cell marker
Catalog No.:	SM1791R
Quantity:	100 Tests
Concentration:	0.1 mg/ml
Background:	CD34 is a 105-120 kD glycoprotein, expressed by haematopoietic stem cells and endothelial cells.
Uniprot ID:	P28906
NCBI:	NP_001020280.1
GeneID:	947
Host / Isotype:	Mouse / IgG1
Clone:	581
Immunogen:	Human T lymphocytes.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein A Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 0.2% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE)
Applications:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD34 cell surface antigen, binding to an epitope classified as class III (resistant to neuraminidase, chymopapain and glycoprotease). Species: Human, Cynomolgus monkey. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: 6 month from despatch.
General References:	1. Civin, C. I et al. (1984) Antigenic analysis of hematopoiesis. III. A hematopoietic progenitor cell surface antigen defined by a monoclonal antibody raised against KG-1a cells. J. Immunol. 133: 157-165. 2. Yoshino, N. et al. (2000) Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of Cynomolgus monkeys (<i>Macaca fascicularis</i>) by using anti-human cross-reactive antibodies. Exp. Anim. 49: 97-110.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com