

Monoclonal Antibody to CD34 Class III - Purified

Alternate names:	Hematopoietic progenitor cell antigen CD34, Hematopoietic progenitor cell marker
Catalog No.:	SM1791P
Quantity:	0.1 mg
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, pH7.3 containing 0.09% Sodium Azide and 0.2% Bovine Serum Albumin
Applications:	Flow cytometry. Immunohistochemistry on frozen sections. Recommended positive control tissue: Tonsil, Bone marrow. Does not work in Western blot. 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 for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year 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. <i>J. Immunol.</i> 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. <i>Exp. Anim.</i> 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