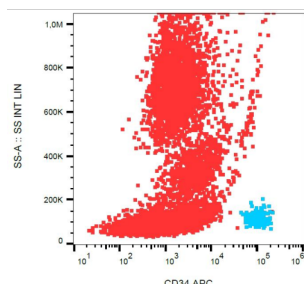
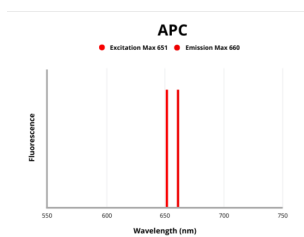


Hematopoietic Progenitor Cell Antigen CD34 (CD34) Antibody (APC)

Catalogue No.: abx139250



Surface staining of CD34+ cells in human peripheral blood with anti-human CD34 APC.



Fluorescence emission spectra of APC.

CD34 Antibody is a Mouse Monoclonal against CD34.

Target: Hematopoietic Progenitor Cell Antigen CD34 (CD34)

Clonality: Monoclonal

Clone: E334

Reactivity: Human

Tested Applications: FCM

Host: Mouse

Recommended dilutions: FCM: 10 µl/100 µl of whole blood or 10⁶ cells. Validated in IHC-P and ICC. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: APC

Excitation/Emission: 651/660

Laser Line: 647

Datasheet

Version: 3.0.0
Revision date: 25 May 2025



Immunogen:	Permanent Human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia.
Isotype:	IgG ₁
Storage:	Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.
UniProt Primary AC:	P28906 (UniProt , ExPASy)
Gene Symbol:	CD34
GenelD:	947
KEGG:	hsa:947
String:	9606.ENSP00000310036
Buffer:	Stabilizing PBS solution containing 15 mM sodium azide.
Specificity:	The antibody reacts with Class III epitope on CD34 (Mucosialin), a 110-115 kDa monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotent stem cells; it is gradually lost on progenitor cells. The antibody 4H11[APG] completely blocks binding of Class II antibody QBEnd10 and Class III antibodies BIRMA K3 and 8G12 on KG1a cell line.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.