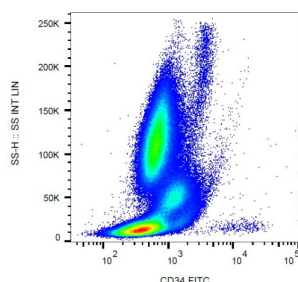
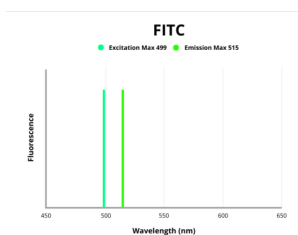


Hematopoietic Progenitor Cell Antigen CD34 (CD34) Antibody (FITC)

Catalogue No.: abx140195



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



Fluorescence emission spectra of FITC.

CD34 Antibody is a Mouse Monoclonal against CD34.

Target: Hematopoietic Progenitor Cell Antigen CD34 (CD34)

Clonality: Monoclonal

Clone: E907

Reactivity: Human, Monkey

Tested Applications: FCM

Host: Mouse

Recommended dilutions: FCM: 4 µl/100 µl of whole blood or 10⁶ cells. Validated in IHC-F. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (0.4 ml) is sufficient for 100 tests.

Conjugation: FITC

Excitation/Emission: 499/515

Laser Line: 488

Isotype: IgG₁ Kappa

Datasheet

Version: 2.0.0
Revision date: 30 Oct 2025



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
GeneID:	947
KEGG:	hsa:947
String:	9606.ENSP00000310036
Buffer:	Stabilizing PBS solution containing 15 mM sodium azide.
Specificity:	The mouse monoclonal antibody reacts with CD34 (Mucosialin), a 110-115 kDa monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotential stem cells; it is gradually lost on progenitor cells. The antibody recognizes the class III CD34 epitope resistant to neuraminidase, chymopapain and glycoprotease. It does not reacts with Sheep.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.