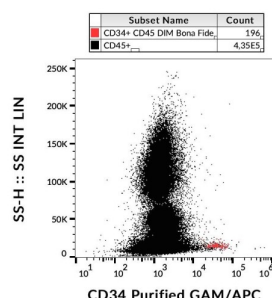


Hematopoietic Progenitor Cell Antigen CD34 (CD34) Antibody

Catalogue No.: abx139245



Surface staining of CD34+ cells in human peripheral blood with CD34 Antibody and APC conjugated Goat Anti-Mouse secondary antibody.

CD34 Antibody is a Mouse Monoclonal against CD34.

Target:	Hematopoietic Progenitor Cell Antigen CD34 (CD34)
Clonality:	Monoclonal
Clone:	E334
Reactivity:	Human
Tested Applications:	WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	WB: 1-2 µg/ml, IHC-P: 10 µg/ml, FCM: 2 µg/ml. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Permanent Human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia.
Isotype:	IgG ₁
Purity:	> 95% (SDS-PAGE)
Purification:	Purified by Protein A affinity chromatography.
Storage:	Store at 2-8°C. Do not freeze.
UniProt Primary AC:	P28906 (UniProt , ExPASy)
Gene Symbol:	CD34

Datasheet

Version: 3.0.0
Revision date: 04 Jul 2025



GeneID:	947
KEGG:	hsa:947
String:	9606.ENSP00000310036
Buffer:	PBS solution with 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 pluripotential 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.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only