

Datasheet for ABIN7077139  
**anti-CD34 antibody (FITC)**



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1 Image

## Overview

Quantity:	100 tests
Target:	CD34
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD34 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

## Product Details

Purpose:	CD34 FITC Antibody
Immunogen:	Human cell line derived from peripheral leukocytes from a CML patient
Clone:	4H11
Isotype:	IgG1, kappa
Characteristics:	The clone 4H11, a mouse monoclonal antibody recognizes a human ~115 KDa monomeric transmembrane phosphoglycoprotein commonly known as CD34. It is expressed mostly on hematopoietic progenitors and pluripotent stem cells, and in multitude of other nonhematopoietic cell types including muscle satellite cells, corneal keratocytes, interstitial cells, epithelial progenitors, and vascular endothelial progenitors. The anti-CD34 binding affinity has been assigned to three classes (class I, II or III) based on their neuraminidase and glycoprotease sensitivity response and 4H11 is considered as class III antibody. In clinical practice, CD34 expression is evaluated to ensure rapid engraftment in BM transplants and can

## Product Details

	also be used as a selective marker in cell sorting to enrich a population of immature hematopoietic cells.
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

## Target Details

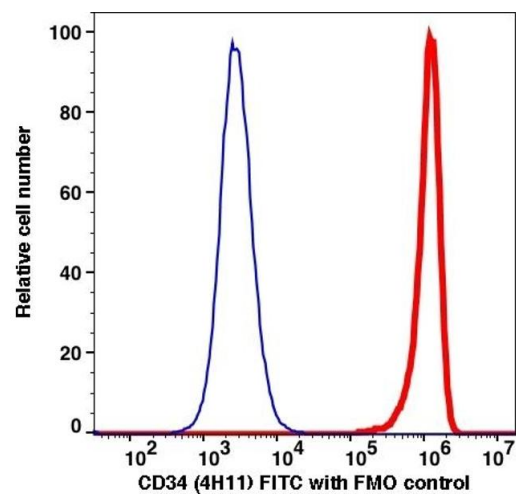
Target:	CD34
Alternative Name:	CD34 ( <a href="#">CD34 Products</a> )
Gene ID:	947
UniProt:	<a href="#">P28906</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.