

PE Anti-CD34 antibody [QBEND / 10] ab30377

Overview

Product name	PE Anti-CD34 antibody [QBEND / 10]
Description	PE Mouse monoclonal [QBEND / 10] to CD34
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	QBEND/10 specifically recognises a class II epitope
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human, Cynomolgus monkey, Rhesus monkey Does not react with: Rat, Sheep, Cow, Dog
Immunogen	Tissue, cells or virus corresponding to Human CD34. Human endothelial cell membrane vesicles.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein A purified
Purification notes	Prepared from tissue culture supernatant.
Clonality	Monoclonal
Clone number	QBEND / 10
Myeloma	NS0
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab30377 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. Use 10ul of neat preparation to label 10^6 cells in 100 ul. ab91357 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.
Tissue specificity	Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.
Sequence similarities	Belongs to the CD34 family.
Developmental stage	On early hematopoietic progenitor cells.
Post-translational modifications	Highly glycosylated. Phosphorylated on serine residues by PKC.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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