abcam

ab30377

PE Anti-CD34 antibody [QBEND/10]

Anti-CD34 antibody [QBEND/10] conjugated to PE - suitable for flow cytometry, and reacts with human, Crab-Eating Macaque, Rhesus Monkey samples. Clone [QBEND/10] is a mouse monoclonal antibody cited in 35 publications.

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Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	PE
Excitation/Emission	Ex: 480;565nm, Em: 578nm
Storage buffer	pH: 7.4 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing CD34 protein. The exact immunogen used to generate this antibody is proprietary information. Database link P28906
Clone number	QBEND/10
Purification technique	Affinity purification Protein A
Specificity	QBEND/10 specifically recognises a class II epitope
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Prepared from tissue culture supernatant.

Reactivity data

Flow Cyt

Expected

Species	Cynomolgus monkey
Dilution info	-
Notes	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.

Species	Rhesus monkey
Dilution info	-
Notes	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.

Species	Human
Dilution info	-
Notes	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.

Not recommended

Species	Rat
Dilution info	-
Notes	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.

Species	Dog
Dilution info	-
Notes	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.

Species	Cow
Dilution info	-
Notes	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.

Species	Sheep
Dilution info	-

Notes	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 data

See full target information CD34

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.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

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Terms & Conditions.

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