abcam

ab157325

PerCP/Cy5.5® Anti-CD34 antibody [581]

Anti-CD34 antibody [581] conjugated to PerCP/Cy5.5® - suitable for flow cytometry, and reacts with human samples. Clone [581] is a mouse monoclonal antibody and one of the most commonly used clones for flow cytometry.

Design your panel with our interactive flow cytometry panel builder. Click here.

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	PerCP/Cy5.5®
Excitation/Emission	Ex: 482nm, Em: 695nm
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Clone number	581
Purification technique	Size-exclusion chromatography
Epitope	Extracellular part of the antigen; class III epitope

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	4 µL for 10^6 Cells

Notes	Or 100µl of whole blood. ab157226 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Expected

Species	Primates
Dilution info	4 µL for 10^6 Cells
Notes	Or 100µl of whole blood. ab157226 - 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.

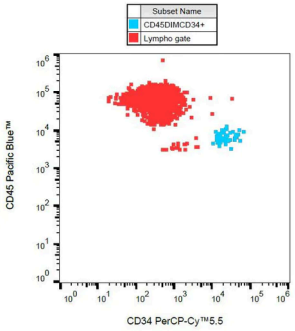
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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

Full details and terms and conditions can be found here:
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1 product image



Flow Cytometry - PerCP/Cy5.5® Anti-CD34 antibody [581] (ab157325)

CD34 Flow Cytometry staining using mouse Anti-CD34 antibody

Flow Cytometry analysis of Human peripheral blood cells labeling CD34 with Anti-CD34 antibody [581], prediluted (PerCP/Cy5.5®) (ab157325).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.