abcam

ab213058

Anti-CD34 antibody [HPCA1/1171] - BSA and Azide free

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human CD34. Database link P28906
Carrier free	Yes
Clone number	HPCA1/1171
Purification technique	Affinity purification Protein G
Light chain type	kappa
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from bioreactor concentrate.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	0.5-1 µg for 10^6 Cells
Notes	(in 0.1 ml).

IHC-P

Tested

Species	Human
Dilution info	2-4 µg/mL
Notes	(Primary incubation for 30 min at RT).

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 duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

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

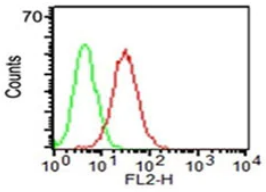
We do not recommend this combination. It is not covered by our product promise.

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:
Terms & Conditions.

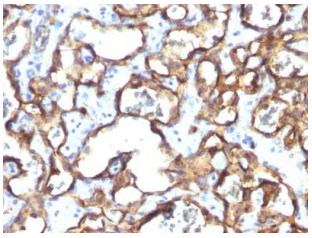
3 product images



Flow Cytometry - Anti-CD34 antibody [HPCA1/1171] - BSA and Azide free (ab213058)

CD34 Flow Cytometry staining using mouse Anti-CD34 antibody

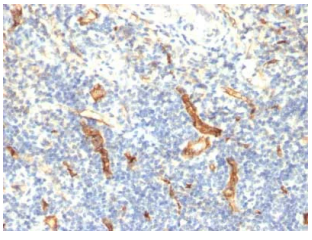
Flow cytometric analysis of KG-1 cells labeling CD34 with ab213058 at 1 µg/10^6 cells (red), compared to an isotype control (green).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD34 antibody [HPCA1/1171] - BSA and Azide free (ab213058)

CD34 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-CD34 antibody

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human angiosarcoma tissue labeling CD34 with ab213058 at 4 µg/ml.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD34 antibody [HPCA1/1171] - BSA and Azide free (ab213058)

CD34 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-CD34 antibody

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human tonsil tissue labeling CD34 with ab213058 at 4 µg/ml.

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