abcam

ab42902

PE Anti-CD34 antibody [1H6]

Anti-CD34 antibody [1H6] conjugated to PE - suitable for flow cytometry, and reacts with dog samples. Clone [1H6] is a mouse monoclonal antibody cited in 44 publications.

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

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	Recombinant Protein within Dog CD34. The exact immunogen used to generate this antibody is proprietary information. Database link Q28270
Clone number	1H6
Purification technique	Affinity purification Protein G
Purification notes	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.

Reactivity data

Flow Cyt

Tested

Species	Dog
Dilution info	-
Notes	This product is also suitable for use in CD34+ enrichment studies. 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 (By similarity).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze

Notes

Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1/FOX-NY myeloma cell line.

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.

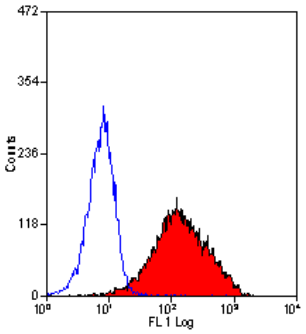
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1 product image



Flow Cytometry - PE Anti-CD34 antibody [1H6] (ab42902)

CD34 Flow Cytometry staining of CLL-1390 (canine leukocytic round cell neoplasia cell line) cells using mouse Anti-CD34 antibody

Flow cytometry staining of CLL-1390 cells (10ul neat to label $1x10^6$ cells in 100ul) with Mouse anti Canine CD34:RPE (ab42902).

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