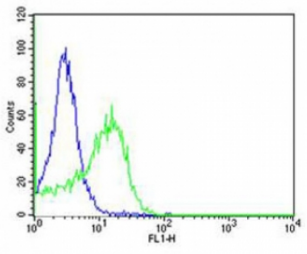
Anti-CD34 Antibody (F53104)

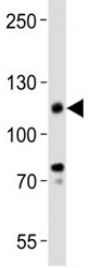
Catalog No.	Formulation	Size
F53104-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53104-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P28906
Applications	Flow Cytometry : 1:25 Western Blot : 1:1000
Limitations	This anti-CD34 antibody is available for research use only.



Flow cytometric analysis of HT-29 cells using anti-CD34 antibody (green) compared to an isotype control of rabbit IgG (blue). Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG was used as the secondary Ab.



Western blot analysis of lysate from KG-1 cell line using anti-CD34 antibody. Expected size is 40~110 kDa depending on glycosylation level.

Description

CD34 is a 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.

Application Notes

Titration of the anti-CD34 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This anti-CD34 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 356-390 amino acids from the C-terminal region of human CD34.

Storage

Aliquot the anti-CD34 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.