

## Anti-CD34 Antibody (C-term)

Catalog Number: M00885

### About CD34

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.

### Overview

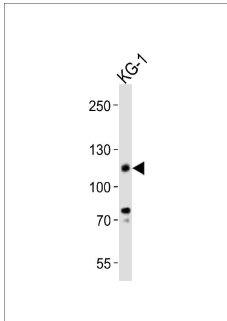
Product Name	Anti-CD34 Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-CD34 Antibody (C-term) (Catalog # M00885). Tested in Flow Cytometry, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P28906

### Technical Details

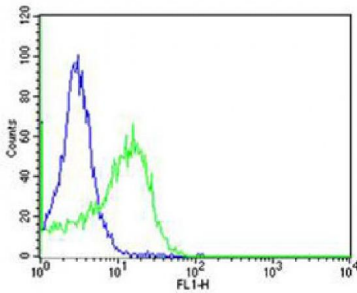
Immunogen	This CD34 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 356-390 amino acids from the C-terminal region of human CD34.
Predicted Reactive Species	Bovine, Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1000 FC: 1:25



## Anti-CD34 Antibody (C-term) (M00885) Images



Western blot analysis of lysate from KG-1 cell line, using CD34 Antibody (C-term). M00885 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



Flow cytometric analysis of HT-29 cells using CD34 Antibody (C-term) (green, Cat#) compared to an isotype control of rabbit IgG (blue). was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

## 13 Publications Citing This Product

1. PubMed ID: 22615958, Kong J, Kong J, Pan B, Ke S, Dong S, Li X, Zhou A, Zheng L, Sun Wb. Plos One. 2012;7(5):E37266. Doi: 10.1371/Journal.Pone.0037266. Epub 2012 May 15. Insufficient Radiofrequency Ablation Promotes Angiogenesis Of Residual Hepatocellular Carcinoma Vi...
2. PubMed ID: 26125467, Overexpression of monocarboxylate anion transporter 1 and 4 in T24-induced cancer-associated fibroblasts regulates the progression of bladder cancer cells in a 3D microfluidic device
3. PubMed ID: 27456341, Hyperthermia induced HIF-1a expression of lung cancer through AKT and ERK signaling pathways

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