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Datasheet for ABIN7266187

anti-CD34 antibody

5 Images

Overview

Quantity:	100 µL
Target:	CD34
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD34 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	CD34 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD34
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD34
Alternative Name:	CD34 (CD34 Products)
Background:	The protein encoded by this gene may play a role in the attachment of stem cells to the bone

Target Details

marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011],CD34,CD34 Molecule,GIG3,MORT1,Cancer,Cardiovascular,CDs,Cell Biology & Developmental Biology,Cell Type Marker,Cell Type Marker_Neuron marker,Endothelial Progenitors,Heart,Heart_Cardiogenesis,Hematopoietic Progenitors,Immunology & Inflammation,Mesenchymal Stem Cells,Neuroscience,Stem Cells,Tumor biomarkers,CD34

Molecular Weight: 120kDa

Gene ID: 947

UniProt: [P28906](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

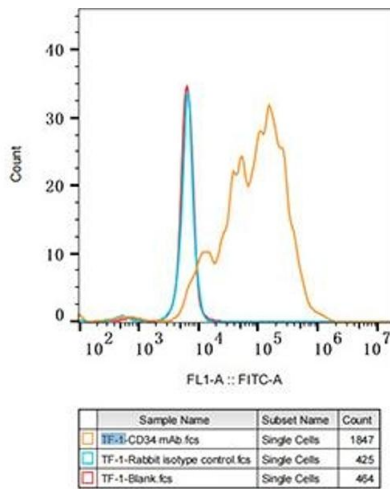
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

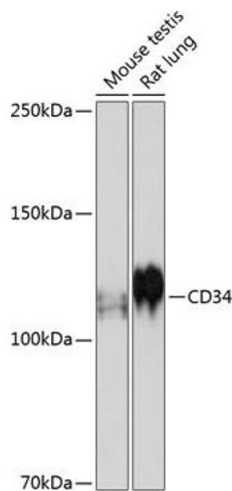
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



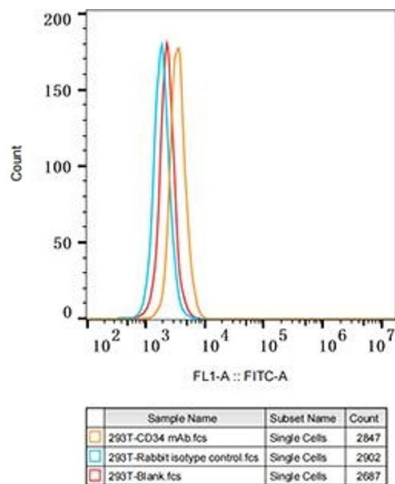
Flow Cytometry

Image 1. Flow cytometry: TF-1 cells were stained with Rabbit IgG isotype control (, 10 µg/mL, blue line) or CD34 Rabbit mAb (ABIN7266187, 10 µg/mL orange line), followed by FITC conjugated goat anti-Rabbit pAb (1:200 dilution) staining. Non-fluorescently stained TF-1 cells were used as blank control (red line).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD34 antibody (ABIN7266187) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.



Flow Cytometry

Image 3. Flow cytometry: 293T cells were stained with Rabbit IgG isotype control (, 10 µg/mL, blue line) or CD34 Rabbit mAb (ABIN7266187, 10 µg/mL orange line), followed by FITC conjugated goat anti-Rabbit pAb (1:200 dilution) staining. Non-fluorescently stained 293T cells were used as blank control (red line).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7266187.