

Basic Information

Product Name	Anti-CD34 Antibody (Clone#BBH-3)	
Gene Name	CD34	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF, IP, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human CD34	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	105-120 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:50
	Flow Cytometry (FCM):	1:50

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 KD. CD34 is expressed in humans in hematopoietic stem cells, vascular endothelium, and blasts from 30% of patients with acute myeloid and lymphocytic leukemia. The human CD34 gene spans 26 kb and has 8 exons, a structure quite similar to that of the murine gene. By Southern blot analysis of DNA from a panel of human x mouse somatic cell hybrids using a CD34 cDNA probe demonstrate that the gene for CD34 is located on human chromosome 1 in the 1q12----qter region. CD34 plays an important role in the formation of progenitor cells during both embryonic and adult hematopoiesis.

Reference

Product datasheet

Anti-CD34 Antibody (Clone#BBH-3)

Catalog Number: **BM4082**

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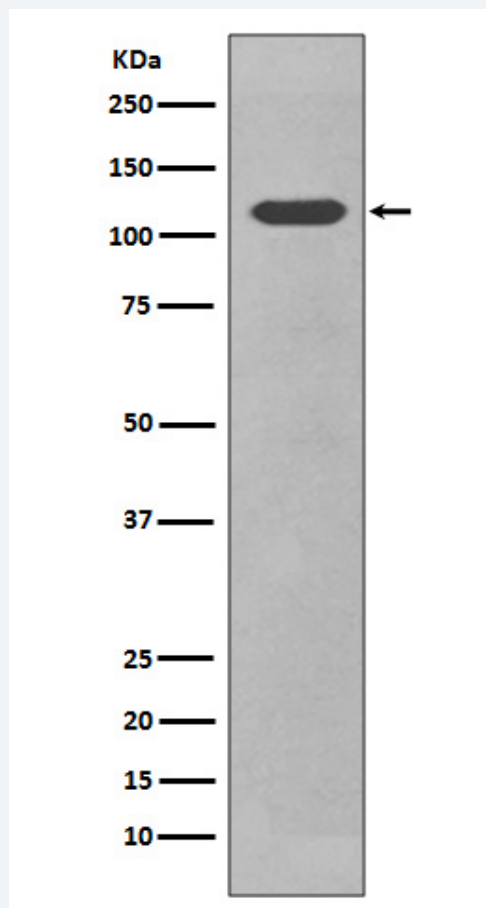
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Wuhan East Lake High-tech Development Zone

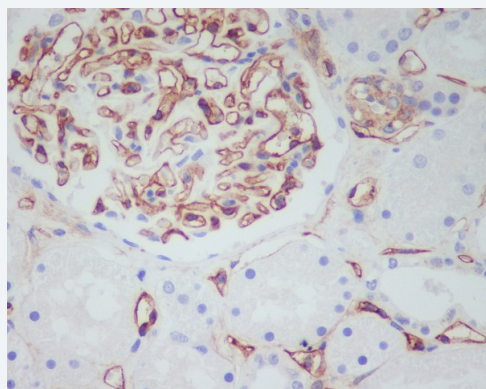
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Anti-CD34 Antibody (Clone#BBH-3)被引用在33文献中。

Selected Validation Data



Western blot analysis of CD34 in expression NIH/3T3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using CD34 Antibody.

Product datasheet

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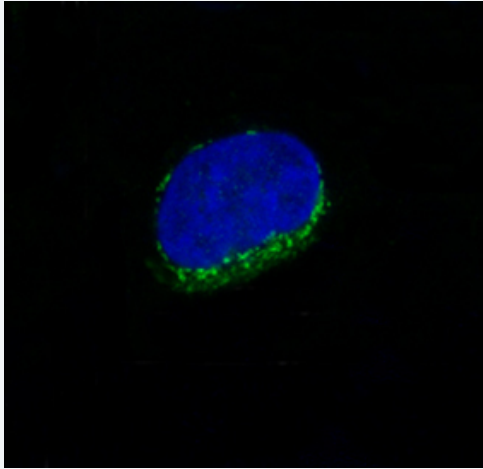
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Immunofluorescent analysis of HUVEC cells, using CD34 Antibody .