BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CD34 Rabbit Monoclonal Antibody

Catalog Number: M00885-1

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Overview

Product Name	Anti-CD34 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD34 Rabbit Monoclonal Antibody catalog # M00885-1. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal BBH-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P28906

Technical Details

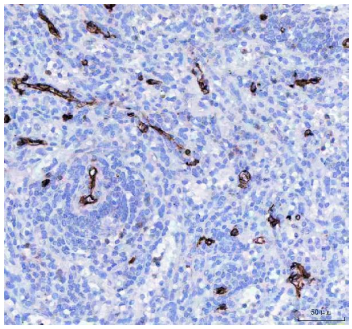
Immunogen	A synthesized peptide derived from human CD34
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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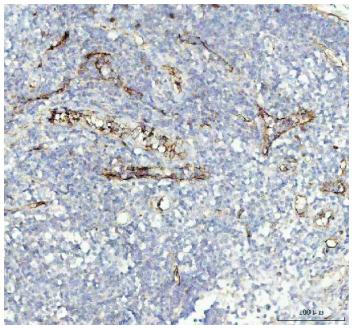
	IHC, 1:50-200 ICC/IF, 1:50-200 IP, 1:50 FC, 1:50

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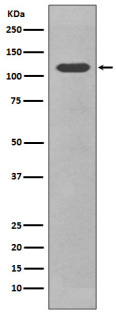
Anti-CD34 Rabbit Monoclonal Antibody (M00885-1) Images



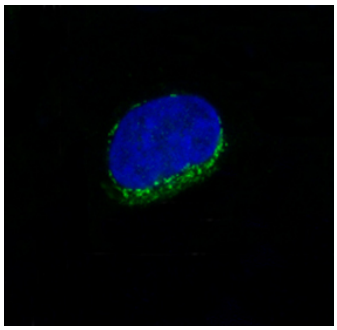
IHC analysis of CD34 using anti-CD34 antibody (M00885-1). CD34 was detected in a paraffin-embedded section of human spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-CD34 Antibody (M00885-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of CD34 using anti-CD34 antibody (M00885-1). CD34 was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-CD34 Antibody (M00885-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



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



Immunofluorescent analysis of HUVEC cells, using CD34 Antibody .

45 Publications Citing This Product

1. PubMed ID: 10.3892/or_00000201, A low molecular weight polysaccharide isolated from Agaricus blazei suppresses tumor growth and

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angiogenesis in vivo

2. PubMed ID: -, Shuyuan Guo,Yusen Zhang,Yanmin Zhang,Fanhua Meng,Minghua Li,Zhendong Yu,Yun Chen,Guanghui Cui, "Multiple Intravenous Injections of Valproic Acid-Induced Mesenchymal Stem Cell from Human-Induced Pluripotent Stem Cells Improved Cardiac Function in an Acute

3. PubMed ID: 32676336, Peng L,Wang Y,Fei S,Wei C,Tong F,Wu G,Ma H,Dong X.The effect of combining Endostar with radiotherapy on blood vessels, tumor-associated macrophages, and T cells in brain metastases of Lewis lung cancer.Transl Lung Cancer Res.2020 Jun;9(3):745-760.doi:10.2

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