

CD34 Monoclonal Antibody (4H5E7, 9B10D4)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG
Class	Monoclonal
Type	Antibody
Clone	4H5E7, 9B10D4
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of CD34 expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10979477

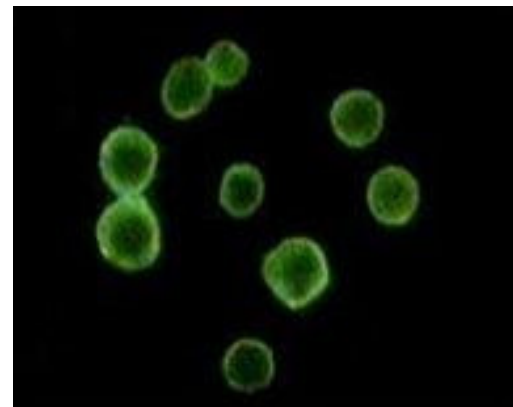
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (IHC)	1:200-1:1,000	2 Publications
Immunocytochemistry (ICC/IF)	1:200-1:1,000	1 Publication
ELISA (ELISA)	1:10,000	-

Product Specific Information

MA5-15331 targets CD34 in IF, IHC, and WB applications and shows reactivity with Human samples.

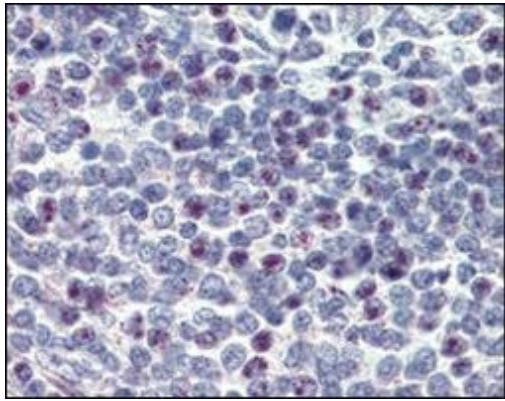
The MA5-15331 immunogen is purified recombinant fragment of CD34 expressed in E. Coli.

Product Images For CD34 Monoclonal Antibody (4H5E7, 9B10D4)



CD34 Antibody (MA5-15331) in ICC/IF

Immunofluorescence analysis of peripheral blood cells using CD34/gp105-120 monoclonal antibody (Product # MA5-15331).



CD34 Antibody (MA5-15331) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human spleen using CD34/gp105-120 monoclonal antibody (Product # MA5-15331) followed with DAB staining.

KDa

1

2

CD34 Antibody (MA5-15331) in WB

Western blot analysis of CD34/gp105-120 using a CD34/gp105-120 monoclonal antibody (Product # MA5-15331) against a truncated CD34 recombinant protein.

207

119

98

57

37

29

20

7



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Immunohistochemistry (2)

<p>Frontiers in medicine</p> <p>Pathology of Fibrosis in Crohn's Disease-Contribution to Understanding Its Pathogenesis.</p> <p>"Published figure using CD34 monoclonal antibody (Product # MA5-15331) in Immunohistochemistry"</p> <p>Authors: Zidar N,Langner C.,Jerala M,Boštjani E,Drobne D,Tomaži A</p>	<p>Year</p> <p>2020</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:20</p>
<p>Tissue engineering. Part C, Methods</p> <p>Utilizing Confocal Microscopy to Characterize Human and Mouse Adipose Tissue.</p> <p>"MA5-15331 was used in Immunohistochemistry-immunofluorescence to determine whether murine adipose tissue can be used as an accurate comparative model of human disease, by comparing its architecture again human abdominal and gluteofemoral adipose tissue."</p> <p>Authors: Blackshear CP,Borrelli MR,Shen EZ,Ransom RC,Chung NN,Vistnes SM,Irizarry D,Nazerali R,Momeni A, Longaker MT,Wan DC</p>	<p>Year</p> <p>2018</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:100</p>

Immunocytochemistry (1)

<p>Tissue engineering. Part C, Methods</p> <p>Utilizing Confocal Microscopy to Characterize Human and Mouse Adipose Tissue.</p> <p>"MA5-15331 was used in Immunohistochemistry-immunofluorescence to determine whether murine adipose tissue can be used as an accurate comparative model of human disease, by comparing its architecture again human abdominal and gluteofemoral adipose tissue."</p> <p>Authors: Blackshear CP,Borrelli MR,Shen EZ,Ransom RC,Chung NN,Vistnes SM,Irizarry D,Nazerali R,Momeni A, Longaker MT,Wan DC</p>	<p>Year</p> <p>2018</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:100</p>
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