

Product Datasheet

CD34 Antibody (QBEnd/10 + HPCA1/763) - IHC-Prediluted NBP2-48362

Unit Size: 7 ml

Store at 4C.

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Updated 10/23/2024 v.20.1

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NBP2-48362

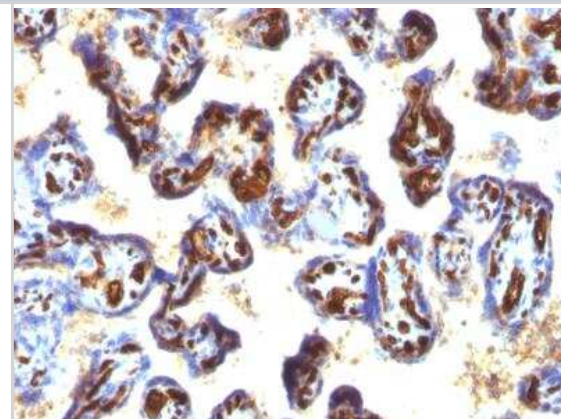
CD34 Antibody (QBEnd/10 + HPCA1/763) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	QBEnd/10 + HPCA1/763
Preservative	0.05% Sodium Azide
Isotype	IgG1 Lambda/IgG1 Lambda
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	947
Gene Symbol	CD34
Species	Human
Marker	Hematopoietic Stem Cell & Endothelial Marker
Specificity/Sensitivity	This monoclonal antibody recognizes a single chain, transmembrane, heavily glycosylated protein of 90-120kDa, which is identified as CD34. Its expression is a hallmark for identifying pluripotent hematopoietic stem or progenitor cells. Its expression is gradually lost as lineage committed progenitors differentiate. CD34 is a marker of choice for staining blasts in acute myeloid leukemia. In addition, CD34 is expressed by soft tissue tumors, such as solitary fibrous tumor and gastrointestinal stromal tumor. Its expression is also found in vascular endothelium. Additionally, it appears that proliferating endothelial cells express this molecule more than the non-proliferating endothelial cells. Anti-CD34 labels 85% of angiosarcoma and Kaposi sarcoma, but with a lower specificity.
Immunogen	Detergent solubilized vesicular suspension prepared from human term placenta (QBEnd/10); Recombinant full-length human CD34 protein (CD34/763) (Uniprot: P28906)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Application Notes	Use in Proximity Ligation Assay reported in scientific literature (PMID: 31880322). Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

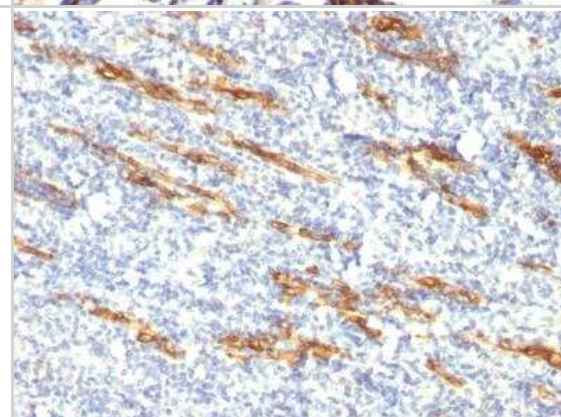


Images

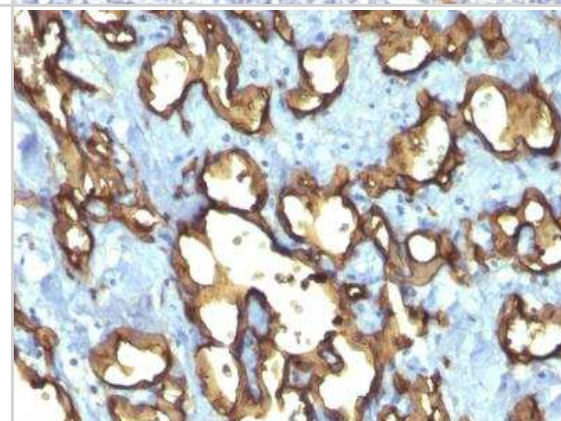
Immunohistochemistry-Paraffin: CD34 Antibody (QBEnd/10 + HPCA1/763) - IHC-Prediluted [NBP2-48362] - Formalin-fixed, paraffin-embedded human Placenta stained with CD34 MAb (QBEnd/10 + HPCA1/763).



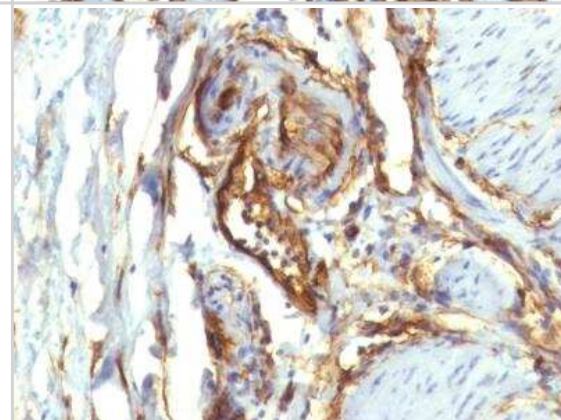
Immunohistochemistry-Paraffin: CD34 Antibody (QBEnd/10 + HPCA1/763) - IHC-Prediluted [NBP2-48362] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD34 Monoclonal Antibody (QBEnd/10 + HPCA1/763)



Immunohistochemistry-Paraffin: CD34 Antibody (QBEnd/10 + HPCA1/763) - IHC-Prediluted [NBP2-48362] - Formalin-fixed, paraffin-embedded human Angiosarcoma stained with CD34 Monoclonal Antibody (QBEnd/10 + HPCA1/763).



Immunohistochemistry-Paraffin: CD34 Antibody (QBEnd/10 + HPCA1/763) - IHC-Prediluted [NBP2-48362] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CD34 Monoclonal Antibody (QBEnd/10 + HPCA1/763).





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Products Related to NBP2-48362

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-53044-50ug	Recombinant Human CD34 His Protein
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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