

Product Datasheet

CD34 Antibody - BSA Free NBP2-38322

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-38322

CD34 Antibody - BSA Free

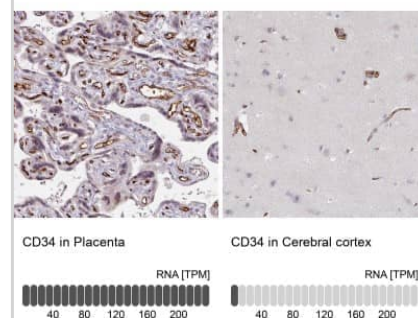
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	947
Gene Symbol	CD34
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: LMNRRSWSPTGERLGEDPYYTENGGGQGYSSGPGTSPEAQQKASVNRGAQ ENGTGQATSRNGHSARQHVVADTEL

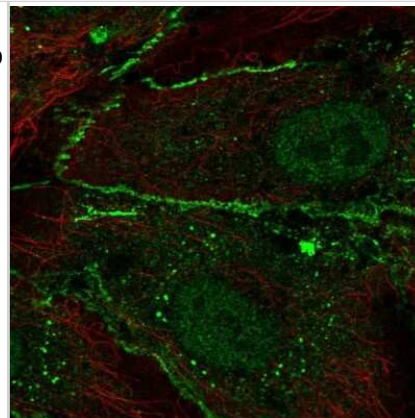
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

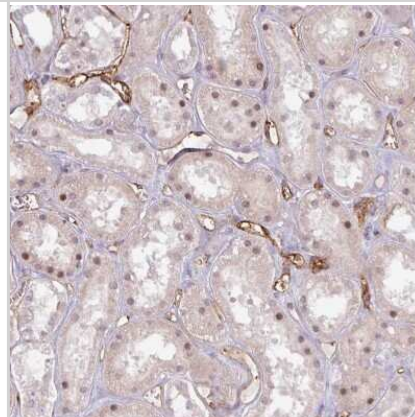
Immunohistochemistry-Paraffin: CD34 Antibody [NBP2-38322] - Analysis in human placenta and cerebral cortex tissues. Corresponding CD34 RNA-seq data are presented for the same tissues.



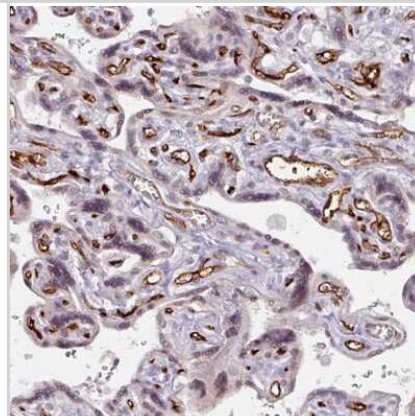
Immunocytochemistry/Immunofluorescence: CD34 Antibody [NBP2-38322] - Staining of human cell line HUVEC TERT2 shows localization to nucleoplasm & cell junctions. Antibody staining is shown in green.



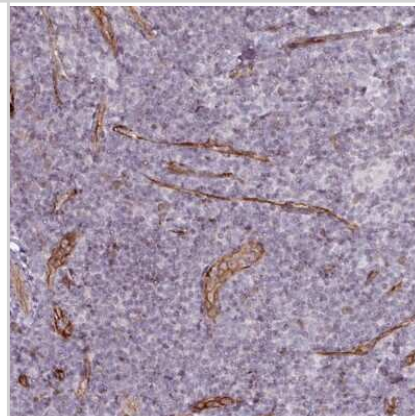
Immunohistochemistry-Paraffin: CD34 Antibody [NBP2-38322] - Staining of human kidney shows moderate membranous positivity in endothelial cells.



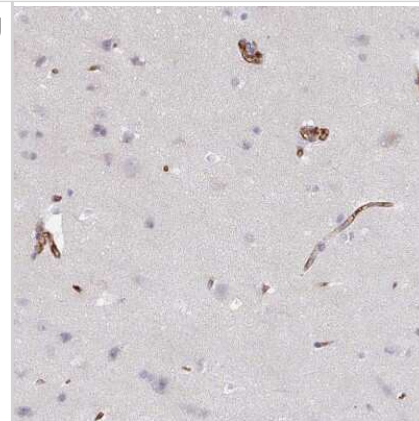
Immunohistochemistry-Paraffin: CD34 Antibody [NBP2-38322] - Staining of human placenta shows moderate to strong membranous positivity in endothelial cells.



Immunohistochemistry-Paraffin: CD34 Antibody [NBP2-38322] - Staining of human tonsil shows moderate to strong membranous positivity in endothelial cells.



Immunohistochemistry-Paraffin: CD34 Antibody [NBP2-38322] - Staining of human cerebral cortex shows moderate membranous positivity in endothelial cells and very weak cytoplasmic positivity in neurons.



Publications

Bueno-Betl, C, Novella, S Et al. Microparticles harbouring Sonic hedgehog morphogen improve the vasculogenesis capacity of endothelial progenitor cells derived from myocardial infarction patients. *Cardiovasc Res* 2019-02-01 [PMID: 30124781] (WB, Human, Mouse)

Sweet K, Komrokji RS, Padron E et al. Phase I clinical trial of selinexor in combination with daunorubicin and cytarabine in previously untreated poor-risk acute myeloid leukemia *Clin. Cancer Res.* 2019-10-21 [PMID: 31636097] (ICC/IF, Human)



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Products Related to NBP2-38322

NBP2-38322PEP	CD34 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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