

# Product Datasheet

## CD31/PECAM-1 Antibody (CL14693) - Azide and BSA Free NBP3-44280

Unit Size: 100 ug

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

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Updated 3/16/2025 v.20.1

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**NBP3-44280**

CD31/PECAM-1 Antibody (CL14693) - Azide and BSA Free

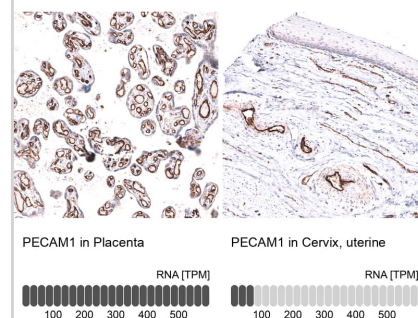
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14693
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	5175
Gene Symbol	PECAM1
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P16284, with the exact immunogen sequence remaining proprietary.

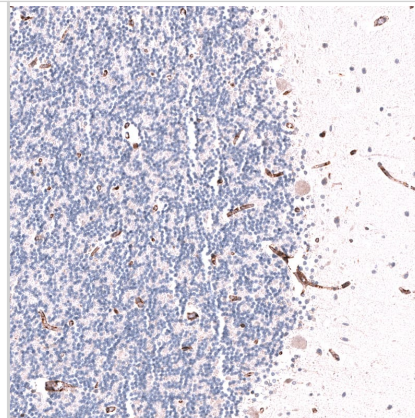
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:5000-1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

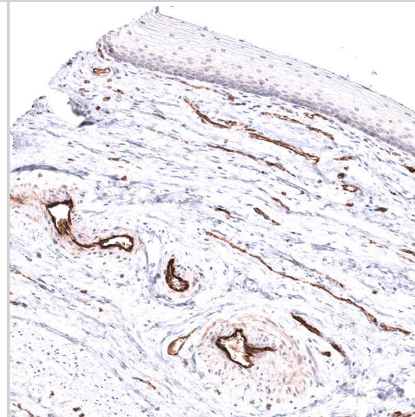
Analysis in human placenta and cervix, uterine tissues using NBP3-44280 antibody. Corresponding CD31/PECAM-1 RNA-seq data are presented for the same tissues.



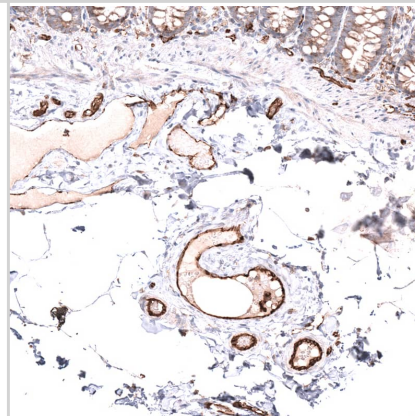
Staining of human cerebellum shows moderate membranous positivity in endothelial cells.



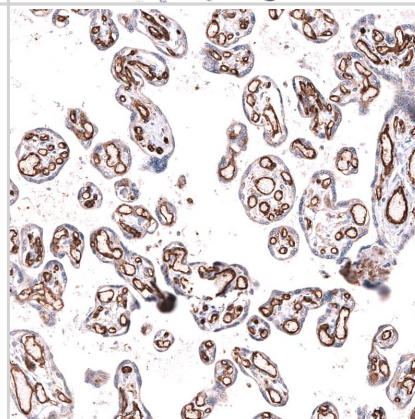
Staining of human cervix, uterine shows strong membranous positivity in endothelial cells.



Staining of human colon shows strong membranous positivity in endothelial cells.



Staining of human placenta shows strong membranous positivity in endothelial cells.





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### **Products Related to NBP3-44280**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-54655PEP	CD31/PECAM-1 Recombinant Protein Antigen

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### **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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