

# Product Datasheet

## CD133 Antibody - BSA Free

### NBP2-59789

Unit Size: 100 ul

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

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**NBP2-59789**

CD133 Antibody - BSA Free

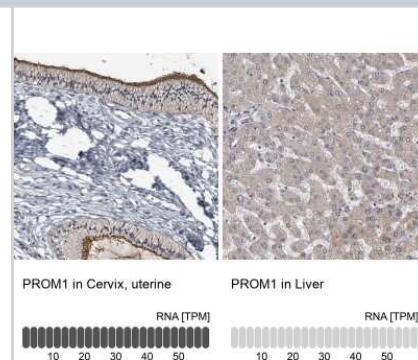
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	8842
Gene Symbol	PROM1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acid sequence: LQDFAACGIDRMNYDSYLAQTGKSPAGVNLLSFAYDLEAKANSLPPGNLRNSL KRDAQTIKTIHQQRVLPSEQSLSTLYQSVKILQRTGNGLLERVTRILASLDFQNF ITNNTSSVIIIEETKKYGRITII

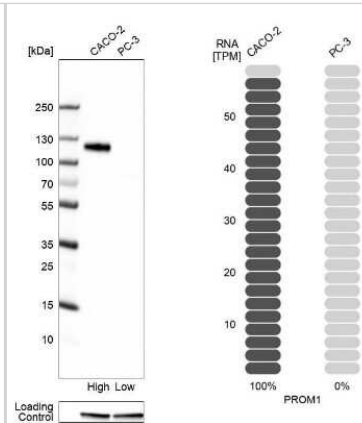
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

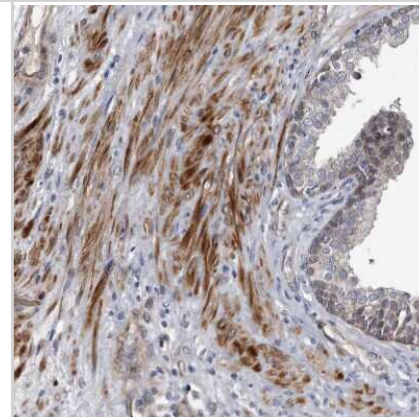
Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining in human cervix, uterine and liver tissues using NBP2-59789 antibody. Corresponding PROM1 RNA-seq data are presented for the same tissues.



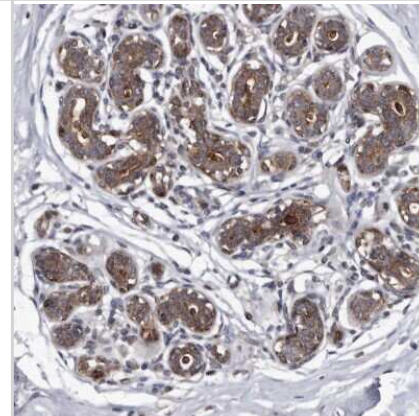
Western Blot: CD133 Antibody [NBP2-59789] - Analysis in human cell line CACO-2 and human cell line PC-3.



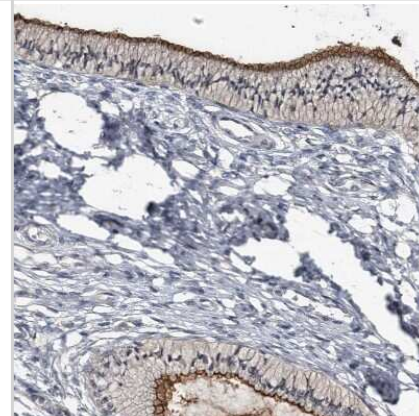
Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



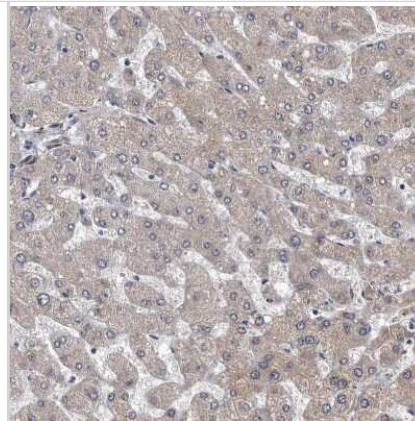
Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining of human breast shows moderate to strong membranous and cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining of human cervix shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] -  
Staining of human liver shows no positivity in hepatocytes as expected.





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### **Products Related to NBP2-59789**

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NBP2-59789PEP	CD133 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

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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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