

# 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**

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

**Product Description**

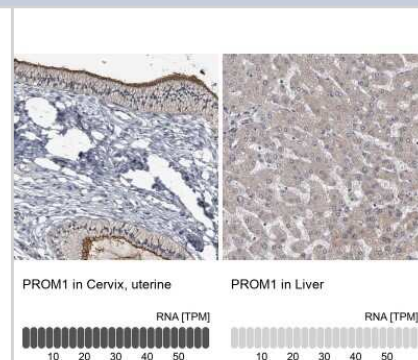
<b>Description</b>	Novus Biologicals Rabbit CD133 Antibody - BSA Free (NBP2-59789) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8842
<b>Gene Symbol</b>	PROM1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the amino acid sequence: LQDFAACGIDRMNYDSYLAQTGKSPAGVNLLSFAYDLEAKANSLPPGNLRNSL KRDAQTIKTIHQQRVLPSEQSLSTLYQSVKILQRTGNGLLERVTRILASLDFQNF ITNNTSSVIEETKKYGRTII

**Product Application Details**

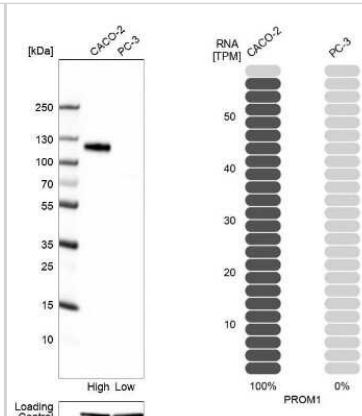
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

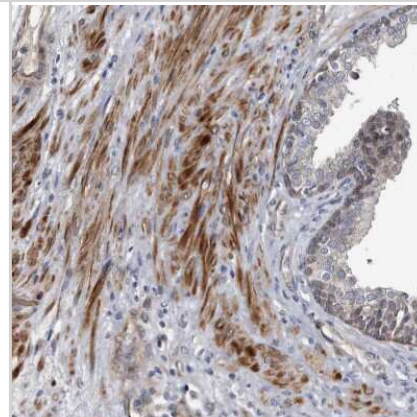
Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining in human cervix, uterine and liver tissues using NBP2-59789 antibody. Corresponding PROM1 RNA-seq data are presented for the same tissues.



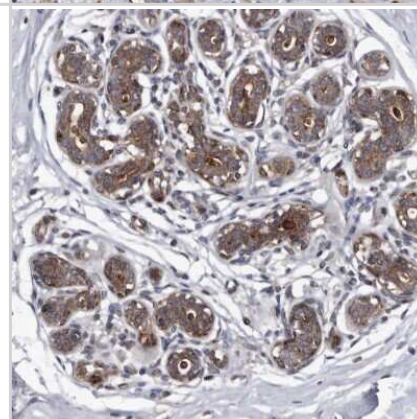
Western Blot: CD133 Antibody [NBP2-59789] - Analysis in human cell line CACO-2 and human cell line PC-3.



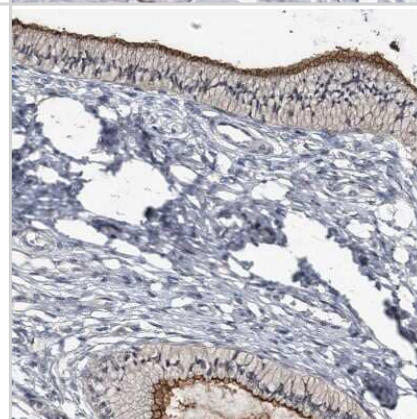
Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



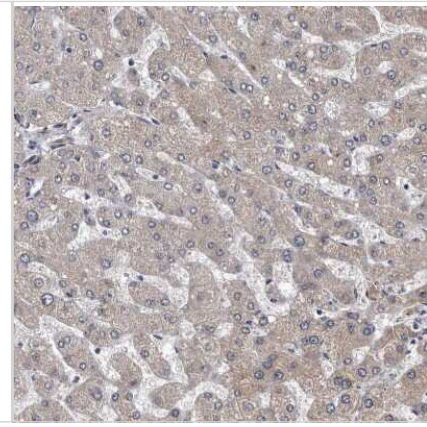
Immunohistochemistry-Paraffin: CD133 Antibody [NBP2-59789] - Staining of human breast shows moderate to strong membranous and cytoplasmic positivity in glandular cells.



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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