

# Product Datasheet

## CD44 Antibody (CL13324) - BSA Free NBP3-18566-100ul

Unit Size: 100 ul

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

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**NBP3-18566-100ul**

CD44 Antibody (CL13324) - BSA Free

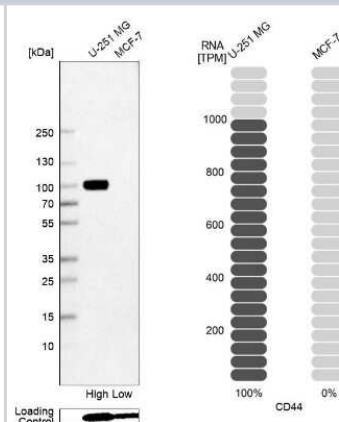
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13324
Preservative	0.02% Sodium Azide
Isotype	IgG3
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse CD44 Antibody (CL13324) - BSA Free (NBP3-18566) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	960
Gene Symbol	CD44
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P16070, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

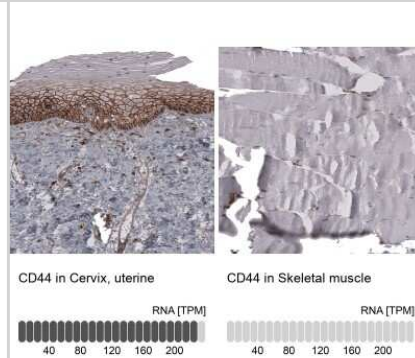
Western Blot: CD44 Antibody (CL13324) [NBP3-18566] - Analysis in human cell line U-251 MG and human cell line MCF-7.



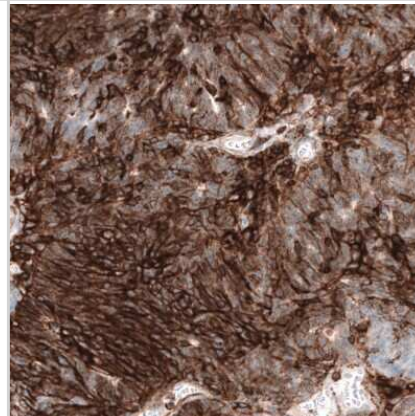
Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



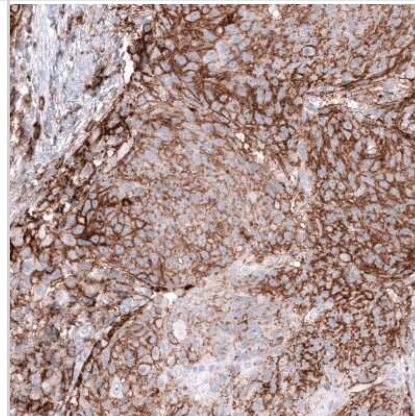
Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Analysis in human cervix, uterine and skeletal muscle tissues using NBP3-18566 antibody. Corresponding CD44 RNA-seq data are presented for the same tissues.



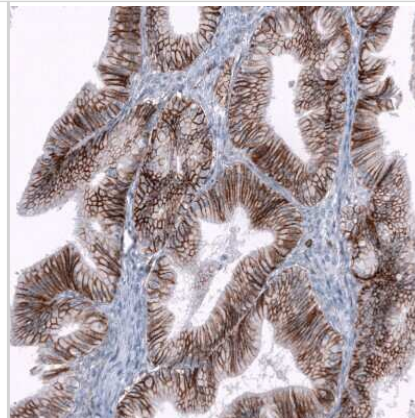
Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human ovarian cancer (endometrioid carcinoma) shows strong membranous positivity in tumor cells.



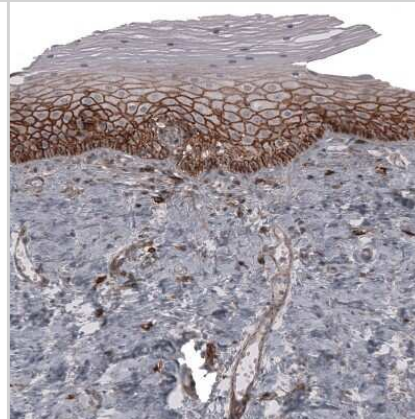
Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human cervical cancer shows strong membranous positivity in tumor cells.



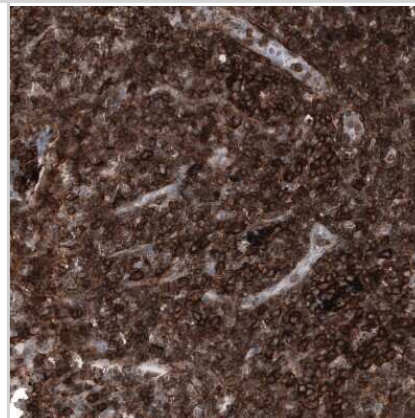
Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human ovarian cancer (low grade carcinoma) shows moderate membranous positivity in tumor cells.



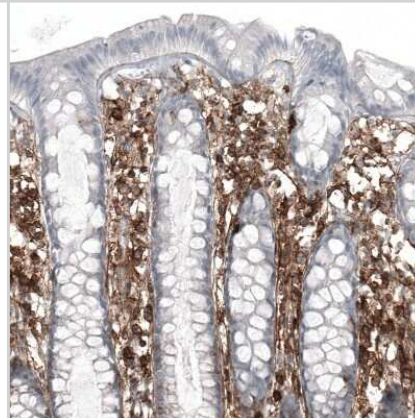
Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human uterine cervix shows strong membranous positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human lymph node shows strong membranous positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD44 Antibody (CL13324) [NBP3-18566] - Staining of human colon shows strong membranous positivity in lymphoid cells.





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### **Products Related to NBP3-18566-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)

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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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