

# Product Datasheet

**CD44 Antibody (9W6E7)**

**NBP3-15617-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15617-100ul**

CD44 Antibody (9W6E7)

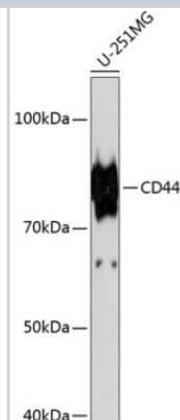
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9W6E7
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3

Product Description	
Host	Rabbit
Gene ID	960
Gene Symbol	CD44
Species	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-178 of human CD44 (NP_000601.3). AQIDLNITCRFAGVVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSIGF ETCRYGFIEGHVVIPRIHPNSICAANNTGVYILTSNTSQYDTYCFNASAPPEEDC TSVTDLPNAFDGPITITIVNRDGTTRYVQKGEYRTNPEDIYPSNPTDDDDV

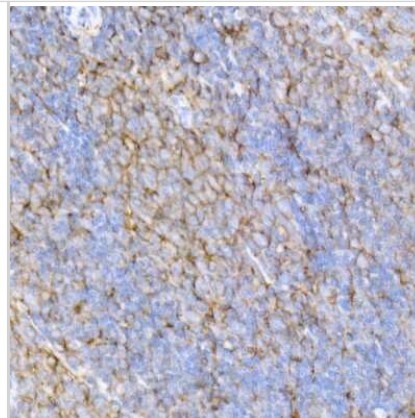
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:5000, Flow Cytometry 0.2ug per 10 <sup>6</sup> cells in 100 ul, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin 1:1000 - 1:5000

**Images**

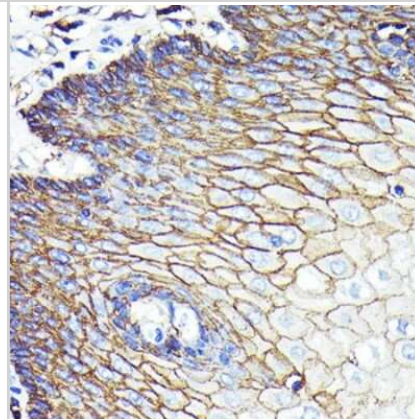
Western Blot: CD44 Antibody (2V9T2) [NBP3-15617] - Western blot analysis of extracts of U-251MG cells, using CD44 antibody (NBP3-15617) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



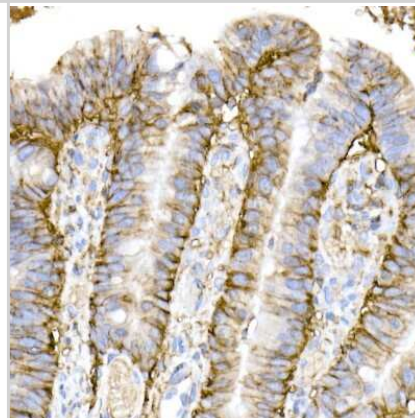
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded rat spleen using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



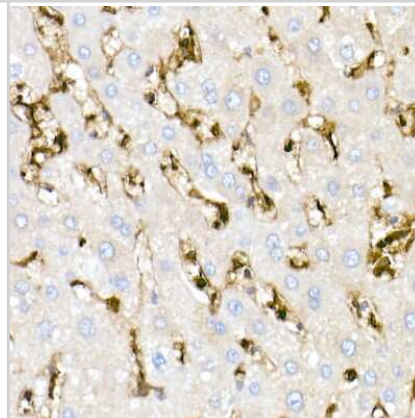
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded human esophageal using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



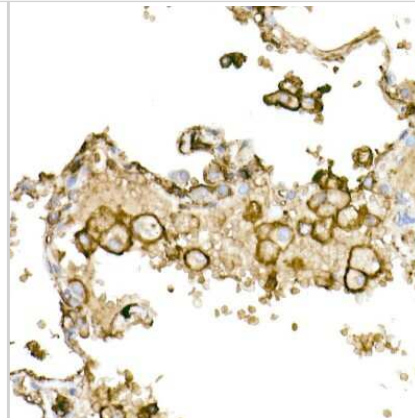
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded human colon carcinoma using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



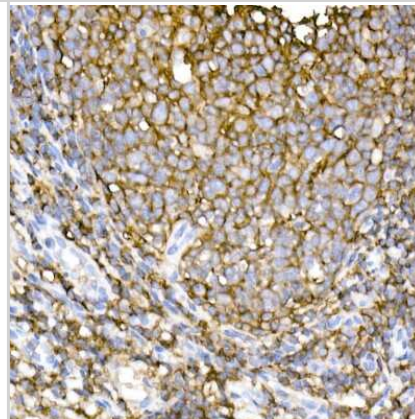
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded human liver using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



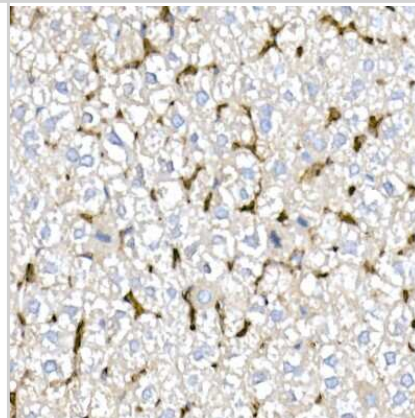
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded human lung using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



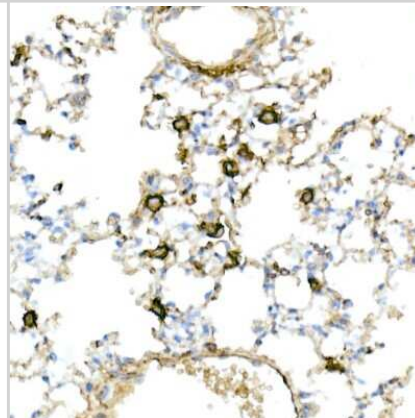
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded human tonsil using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



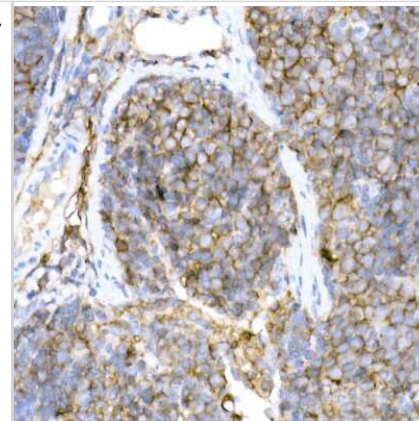
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded mouse liver using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



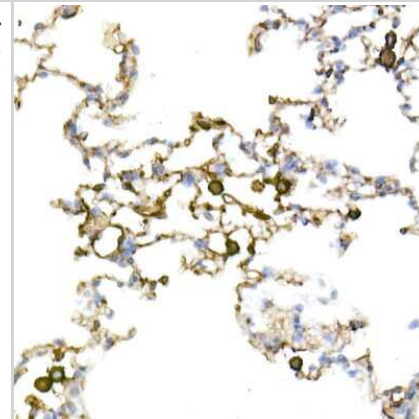
Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded mouse lung using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded mouse spleen using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: CD44 Antibody (2V9T2) [NBP3-15617] - Immunohistochemistry of paraffin-embedded rat lung using CD44 Rabbit mAb (NBP3-15617) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-84578PEP	CD44 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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