

# Product Datasheet

## Cytokeratin 7 Antibody (CL8723) - BSA Free NBP2-88918

Unit Size: 100 ul

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

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**NBP2-88918**

Cytokeratin 7 Antibody (CL8723) - 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>	Monoclonal
<b>Clone</b>	CL8723
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, pH 7.2, containing 40% glycerol

**Product Description**

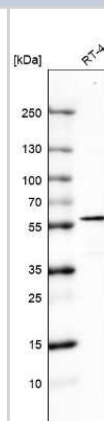
<b>Host</b>	Mouse
<b>Gene ID</b>	3855
<b>Gene Symbol</b>	KRT7
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P08729, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

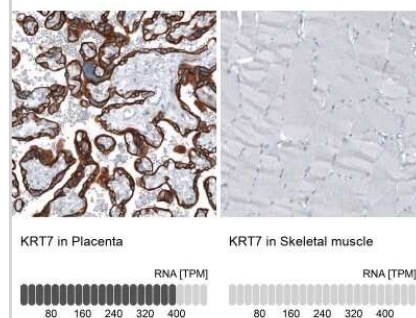
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

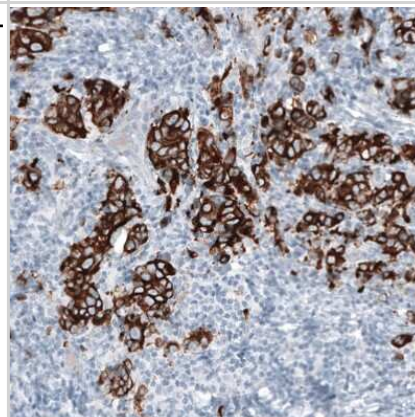
Western Blot: Cytokeratin 7 Antibody (CL8723) [NBP2-88918] - Analysis in human cell line RT-4.



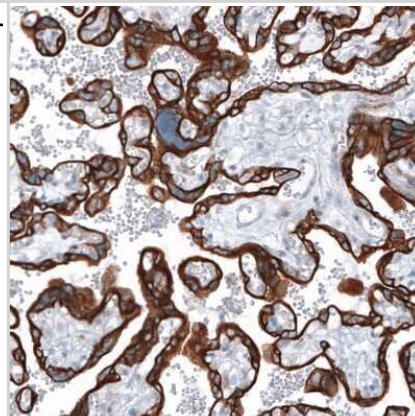
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (CL8723) [NBP2-88918] - Analysis in human placenta and skeletal muscle tissues using NBP2-88918 antibody. Corresponding KRT7 RNA-seq data are presented for the same tissues.



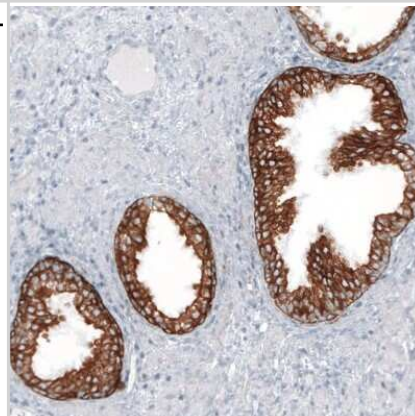
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (CL8723) [NBP2-88918] - Staining of human breast cancer shows strong cytoplasmic positivity in tumor cells.



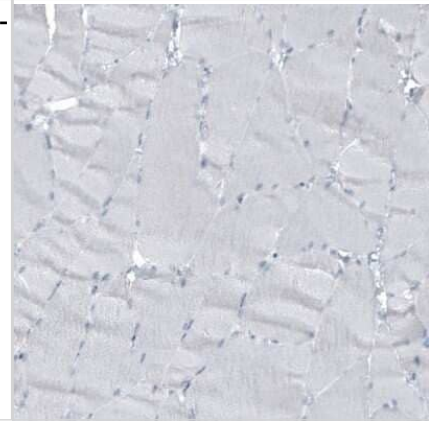
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (CL8723) [NBP2-88918] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (CL8723) [NBP2-88918] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (CL8723) [NBP2-88918] - Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.





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### **Products Related to NBP2-88918**

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)
H00003855-P01-10ug	Recombinant Human Cytokeratin 7 GST (N-Term) Protein

### **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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