

# Product Datasheet

## Cytokeratin 14 Antibody (CL14565) - BSA Free NBP3-26868-100ul

Unit Size: 100 ul

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

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**NBP3-26868-100ul**

Cytokeratin 14 Antibody (CL14565) - BSA Free

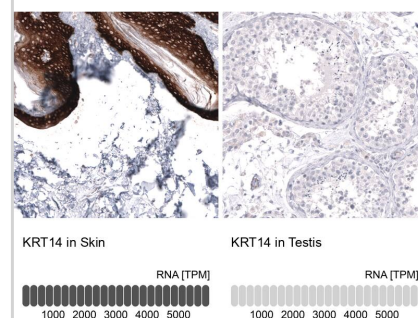
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14565
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	3861
Gene Symbol	KRT14
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P02533, with the exact immunogen sequence remaining proprietary.

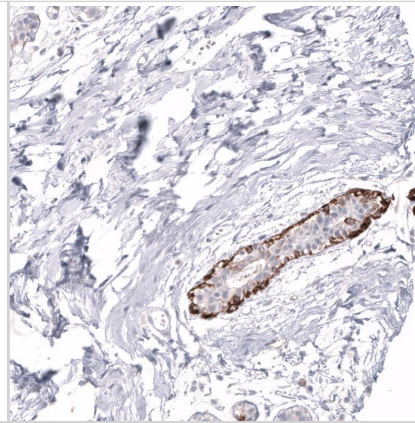
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

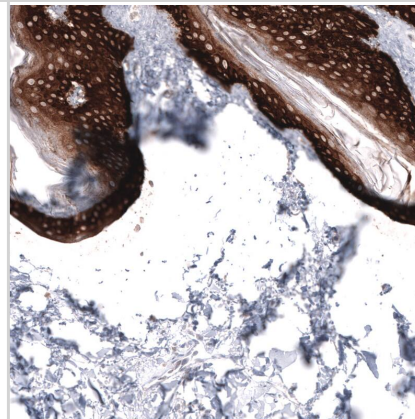
Analysis in human skin and testis tissues. Corresponding RNA-seq data are presented for the same tissues.



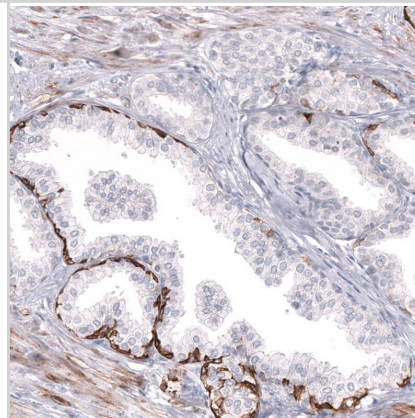
Staining of human breast shows strong cytoplasmic positivity in basal layer of ductal cells.



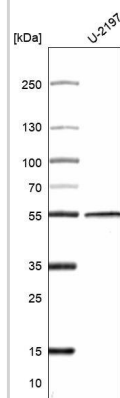
Staining of human skin shows strong cytoplasmic positivity in squamous epithelial cells.



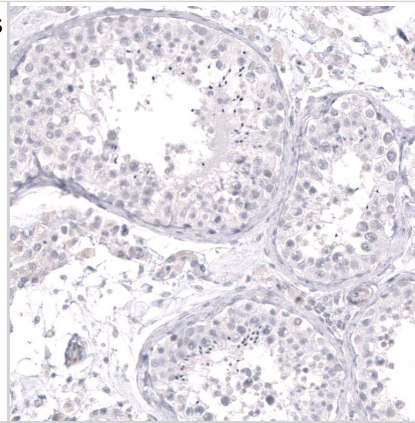
Staining of human prostate shows strong cytoplasmic positivity in basal layer of glandular cells.



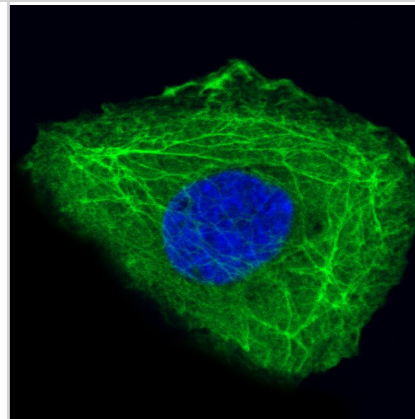
Western blot analysis in human cell line U-2197.



Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



Staining in A-431 cell line showing specific staining of intermediate filaments in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).





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### **Products Related to NBP3-26868-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-72467-100ug	Recombinant Human Cytokeratin 14 His Protein

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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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