

# Product Datasheet

## Cytokeratin 5 Antibody - Azide and BSA Free NBP2-95276-50ul

Unit Size: 50 ul

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

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**NBP2-95276-50ul**

Cytokeratin 5 Antibody - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	50 ul
<b>Concentration</b>	Please see the 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>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen and protein A Affinity-purified
<b>Buffer</b>	0.2 um filtered solution in PBS

**Product Description**

<b>Description</b>	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3852
<b>Gene Symbol</b>	KRT5
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Human Cytokeratin 5/KRT5
<b>Immunogen</b>	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Cytokeratin 5.

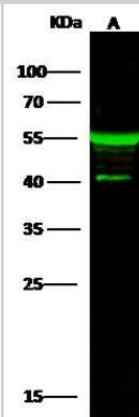
**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:300-1:10000, Immunoprecipitation 1-4 uL/mg of lysate

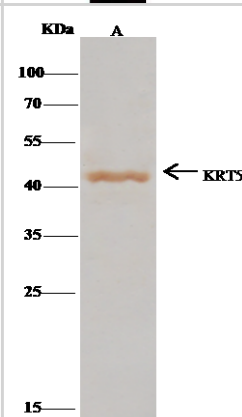


## Images

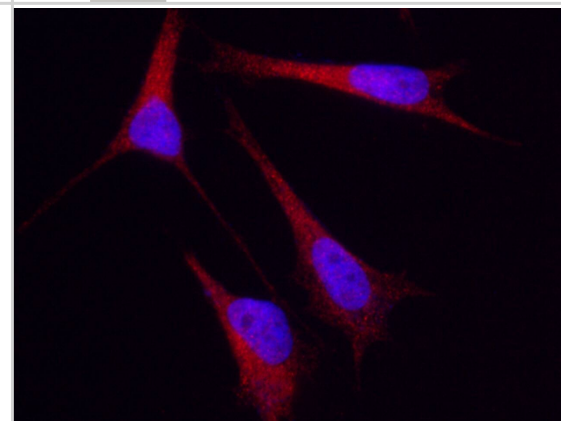
Western Blot: Cytokeratin 5 Antibody [NBP2-95276] - Lane A: MCF7 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 62 kDa Observed band size: 55 kDa (We are unsure as to the identity of these extra bands.)



Cytokeratin 5 was immunoprecipitated from 0.5mg MCF-7 whole cell lysate using NBP2-95276 at a 1:100 dilution and 15 ul of 50% Protein G agarose. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 62 kDa. Observed band size: 42 kDa



Immunocytochemistry/Immunofluorescence: Cytokeratin 5 Antibody [NBP2-95276] - Immunofluorescence staining of Cytokeratin 5 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with NBP2-95276 antibody (1:1000) at 4C overnight. Then cells were stained with the Alexa Fluor(R)594-conjugated Goat Anti-rabbit IgG Secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.





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### **Products Related to NBP2-95276-50ul**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51653-0.1mg	Recombinant Human Cytokeratin 5 His 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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