

# Product Datasheet

## Cytokeratin 5 Antibody (3P3T9)

### NBP3-15374-100ul

Unit Size: 100 ul

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

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**NBP3-15374-100ul**

Cytokeratin 5 Antibody (3P3T9)

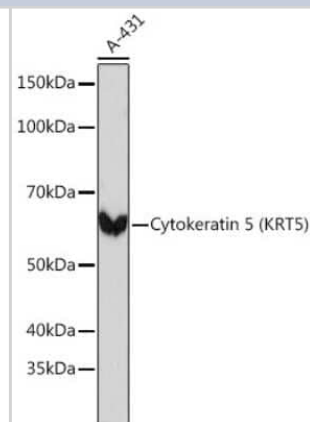
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3P3T9
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	62 kDa

Product Description	
Description	Novus Biologicals Rabbit Cytokeratin 5 Antibody (3P3T9) (NBP3-15374) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3852
Gene Symbol	KRT5
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 491-590 of human Cytokeratin 5 (KRT5) (P13647). ISVVTSSVSSGYGSGSGYGGGLGGGLGGGLAGGSSGSYYSSSSGGVG LGGGLSVGGSGFSASSGRGLGVGFGSGGGSSSSVKFVSTTSSSRKSFKS

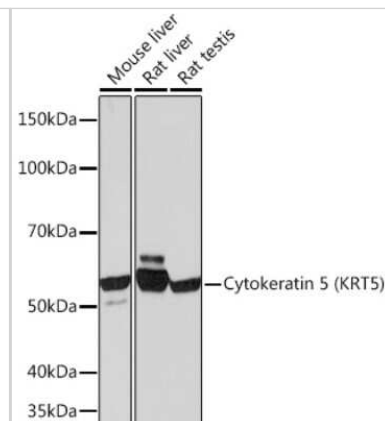
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:2000 - 1:8000, Immunocytochemistry/Immunofluorescence 1:200 - 1:400, Immunohistochemistry-Paraffin 1:2000 - 1:8000

**Images**

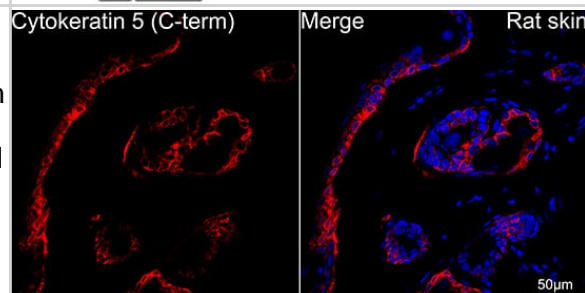
Western Blot: Cytokeratin 5 Antibody (3P3T9) [NBP3-15374] - Western blot analysis of extracts of A-431 cells, using Cytokeratin 5 (KRT5) Rabbit mAb (NBP3-15374) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



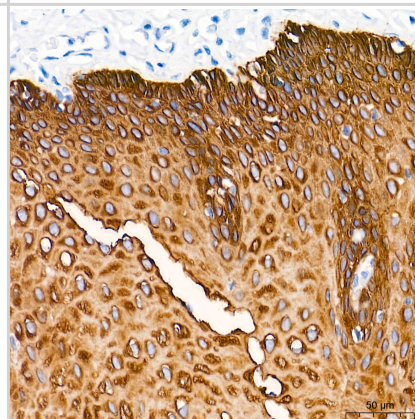
**Western Blot: Cytokeratin 5 Antibody (3P3T9) [NBP3-15374]** - Western blot analysis of extracts of various cell lines, using Cytokeratin 5 (KRT5) Rabbit mAb (NBP3-15374) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



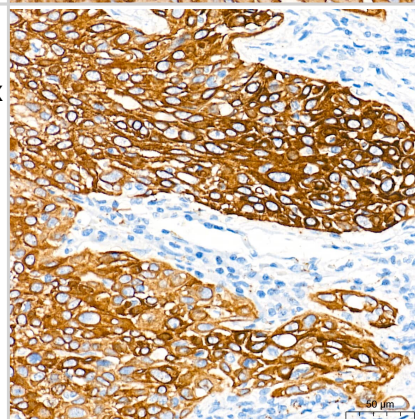
**Immunocytochemistry/ Immunofluorescence: Cytokeratin 5 Antibody (3P3T9) [Cytokeratin 5]** - Confocal imaging of paraffin-embedded Rat skin using Cytokeratin 5 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



**Immunohistochemistry: Cytokeratin 5 Antibody (3P3T9) [Cytokeratin 5]** - Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using Cytokeratin 5 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



**Immunohistochemistry: Cytokeratin 5 Antibody (3P3T9) [Cytokeratin 5]** - Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using Cytokeratin 5 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-15374-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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