

# Product Datasheet

## Cytokeratin 4 Antibody (6H9R6)

### NBP3-15243-100ul

Unit Size: 100 ul

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

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**NBP3-15243-100ul****Cytokeratin 4 Antibody (6H9R6)**

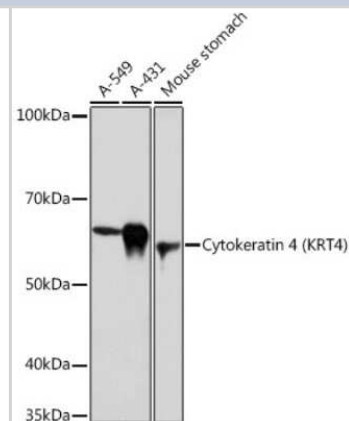
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6H9R6
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Cytokeratin 4 Antibody (6H9R6) (NBP3-15243) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3851
<b>Gene Symbol</b>	KRT4
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Cytokeratin 4 (P19013). MIARQQCVRGGPRGFSCGSAIVGGGKRGAFSSVSMSSGGAGRCSSGGFGSRS LYNLRGNKSISMSVAGSRQGACFGGAGGFGTGGFGGGFGGSFSGKGGPG

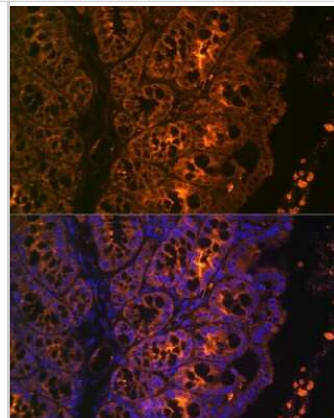
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

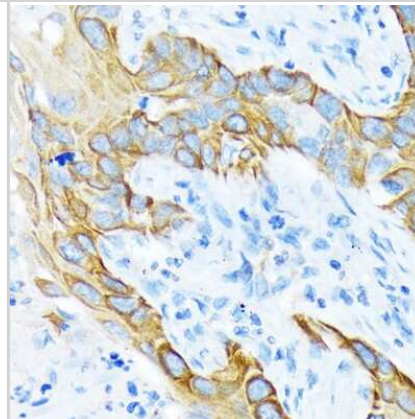
Western Blot: Cytokeratin 4 Antibody (6H9R6) [NBP3-15243] - Western blot analysis of extracts of various cell lines, using Cytokeratin 4 (KRT4) Rabbit mAb (NBP3-15243) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



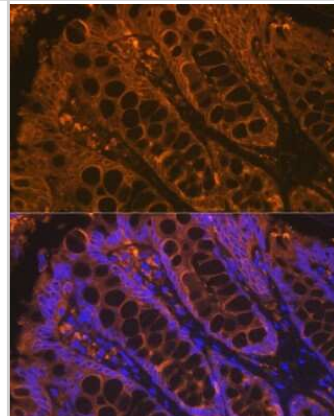
Immunohistochemistry: Cytokeratin 4 Antibody (6H9R6) [NBP3-15243] - Immunofluorescence analysis of mouse large intestine using Cytokeratin 4 (KRT4) Rabbit mAb (NBP3-15243) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



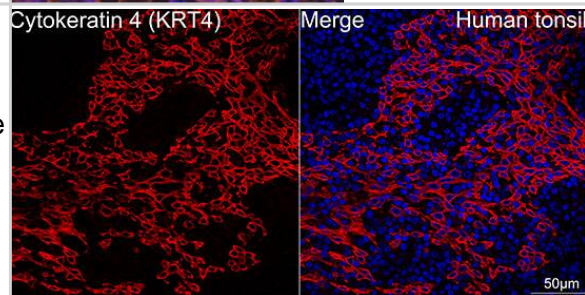
Immunohistochemistry-Paraffin: Cytokeratin 4 Antibody (6H9R6) [NBP3-15243] - Immunohistochemistry of paraffin-embedded human lung squamous carcinoma tissue using Cytokeratin 4 (KRT4) Rabbit mAb (NBP3-15243) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



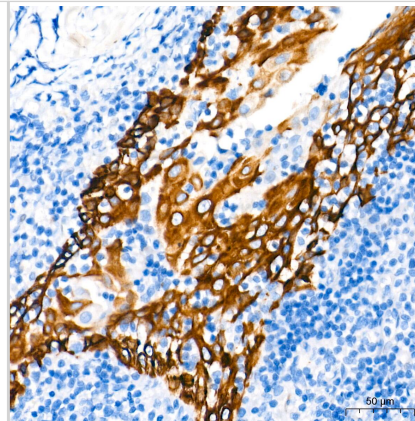
Immunohistochemistry: Cytokeratin 4 Antibody (6H9R6) [NBP3-15243] - Immunofluorescence analysis of rat rectum using Cytokeratin 4 (KRT4) Rabbit mAb (NBP3-15243) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



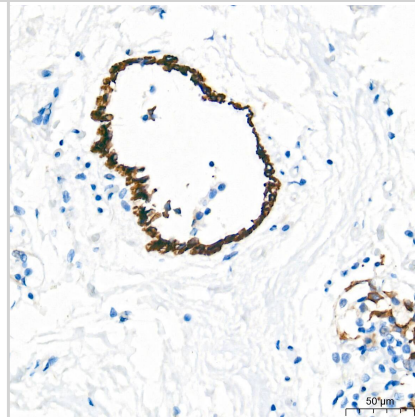
Immunocytochemistry/ Immunofluorescence: Cytokeratin 4 Antibody (6H9R6) [Cytokeratin 4] - Confocal imaging of human tonsil tissue using Cytokeratin 4 Rabbit mAb . DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer (pH 6.0) before commencing with IF staining protocol.



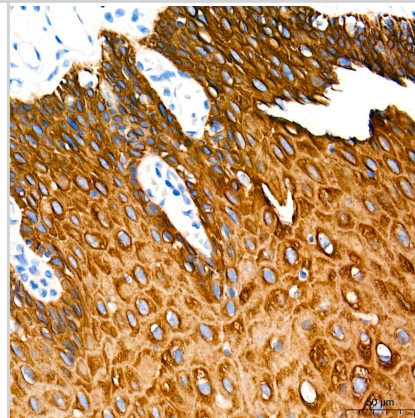
Immunohistochemistry: Cytokeratin 4 Antibody (6H9R6) [Cytokeratin 4] - Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using Cytokeratin 4 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Cytokeratin 4 Antibody (6H9R6) [Cytokeratin 4] - Immunohistochemistry analysis of paraffin-embedded human breast tissue using Cytokeratin 4 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Cytokeratin 4 Antibody (6H9R6) [Cytokeratin 4] - Immunohistochemistry analysis of paraffin-embedded human esophagus tissue using Cytokeratin 4 Rabbit mAb at a dilution of 1:500 (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 NBP3-15243-100ul**

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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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