

# Product Datasheet

## Cytokeratin 20 Antibody (KRT20/1991)

**NBP3-07285-100ug**

Unit Size: 100 ug

Store at 4C.

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**NBP3-07285-100ug**

Cytokeratin 20 Antibody (KRT20/1991)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	KRT20/1991
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	46 kDa

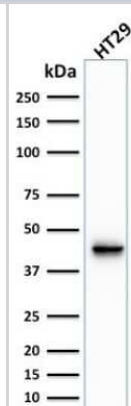
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08406)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	54474
Gene Symbol	KRT20
Species	Human
Marker	Colorectal Epithelial Marker
Specificity/Sensitivity	This monoclonal antibody recognizes an intermediate filament protein of 46kDa, identified as cytokeratin 20 (KRT20). KRT is abundantly expressed in goblet cells and enterocytes of the gastrointestinal tract. It is a useful marker of pancreatic and colorectal cancer. KRT20 is expressed under normal, hyperplastic and neoplastic conditions. It has been detected in adenocarcinomas of the colon, stomach and biliary tract. Breast carcinomas are generally non-reactive.
Immunogen	Recombinant fragment of human Cytokeratin 20 protein (around aa 196-323) (exact sequence is proprietary) (Uniprot: P35900)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

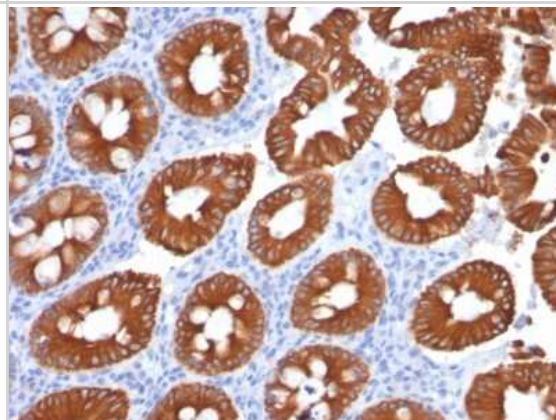


## Images

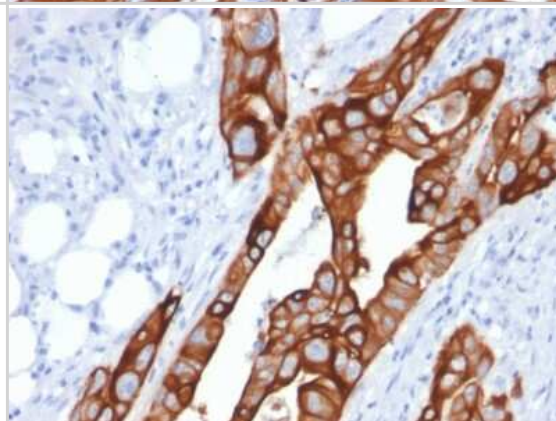
Western Blot: Cytokeratin 20 Antibody (KRT20/1991) [NBP3-07285] - Western Blot Analysis of human HT29 cell lysate using Cytokeratin 20 Mouse Monoclonal Antibody (KRT20/1991).



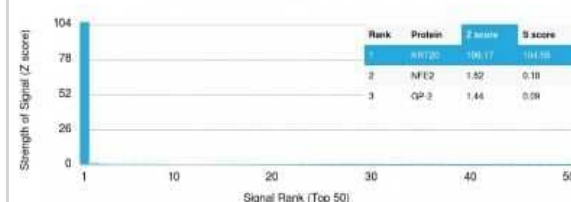
Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody (KRT20/1991) [NBP3-07285] - Formalin-fixed, paraffin-embedded human Normal Colon stained with Cytokeratin 20 Mouse Monoclonal Antibody (KRT20/1991).



Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody (KRT20/1991) [NBP3-07285] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 20 Mouse Monoclonal Antibody (KRT20/1991).



Protein Array: Cytokeratin 20 Antibody (KRT20/1991) [NBP3-07285] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Cytokeratin 20 Mouse Monoclonal Antibody (KRT20/1991).





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### **Products Related to NBP3-07285-100ug**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-23165	Recombinant Human Cytokeratin 20 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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