

# Product Datasheet

## Cytokeratin, HMW Antibody (KRTH/1076) NBP2-44440-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-44440-0.1mg**

Cytokeratin, HMW Antibody (KRTH/1076)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	KRTH/1076
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

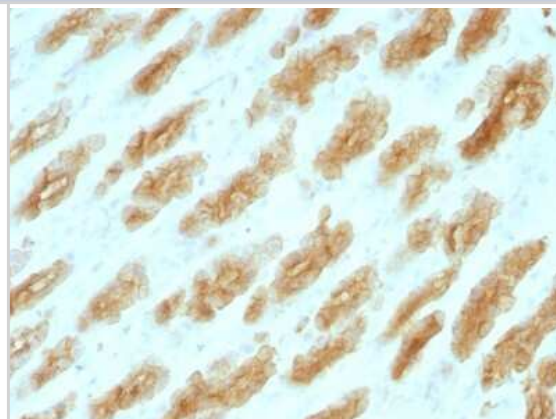
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47690)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	51350
Gene Symbol	KRT76
Species	Human, Rat
Reactivity Notes	Shows broad species reactivity.
Marker	Epithelial Marker
Specificity/Sensitivity	This monoclonal antibody recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50', 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.
Immunogen	Recombinant human Cytokeratin, HMW protein (Uniprot: Q01546)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 0.1-0.2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 0.1-0.2ug/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

Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (KRTH/1076) [NBP2-44440] - Rat Stomach stained with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).



Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (KRTH/1076) [NBP2-44440] - Human Skin stained with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).



Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (KRTH/1076) [NBP2-44440] - Rat Oviduct with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).





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### **Products Related to NBP2-44440-0.1mg**

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)
H00051350-P01-10ug	Recombinant Human Cytokeratin, HMW GST (N-Term) 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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