

# Product Datasheet

## Cytokeratin, HMW Antibody (rKRTH/6617) NBP3-07645-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-07645-100ug**

Cytokeratin, HMW Antibody (rKRTH/6617)

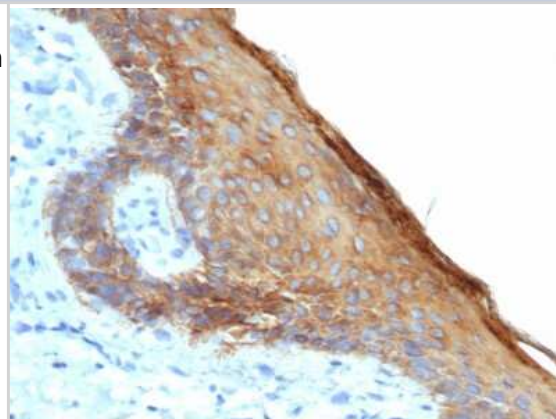
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	rKRTH/6617
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

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. (NBP3-08675)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	51350
Gene Symbol	KRT76
Species	Human
Marker	Epithelial Marker
Specificity/Sensitivity	The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation. This antibody can detect high molecular weight CK1, CK2, CK3, CK4, CK5, CK6, CK7 and CK8. It is usually used in a cytokeratin cocktail with type I cytokeratins antibody.
Immunogen	Synthetic peptide corresponding to Cytokeratin, HMW residues within aa300-400 of Cytokeratin, HMW (Uniprot: Q01546)

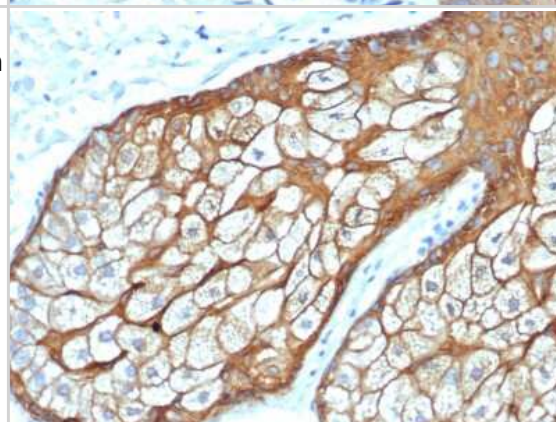
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris 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 (rKRTH/6617) [NBP3-07645] - Formalin-fixed, paraffin-embedded human skin stained with Cytokeratin, HMW Recombinant Mouse Monoclonal Antibody (rKRTH/6617).



Immunohistochemistry-Paraffin: Cytokeratin, HMW Antibody (rKRTH/6617) [NBP3-07645] - Formalin-fixed, paraffin-embedded human sebaceous gland stained with Cytokeratin, HMW Recombinant Mouse Monoclonal Antibody (rKRTH/6617).





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### **Products Related to NBP3-07645-100ug**

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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

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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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