

# Product Datasheet

## MUC21 Antibody - BSA Free

### NBP2-31023

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 1

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**NBP2-31023**

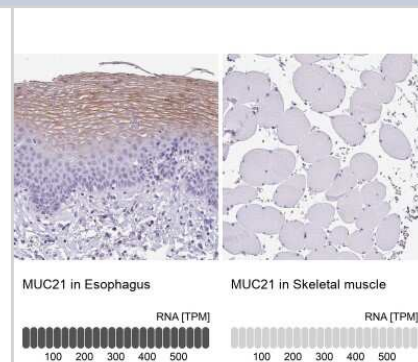
MUC21 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	394263
Gene Symbol	MUC21
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: CVRNSLSLRNTFNTAVYHPHGLNHGLGPGPGGNHGAPHRPRWSPNWFWR PVSSIAMEMSGRNS
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

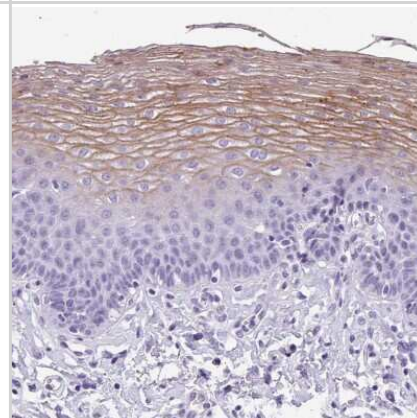


## Images

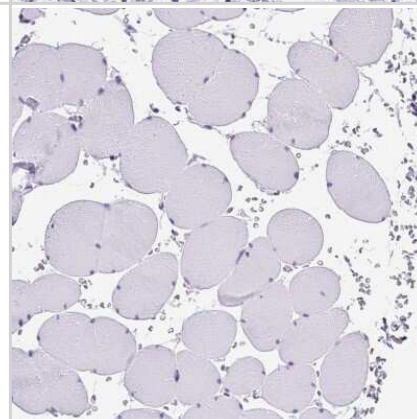
Immunohistochemistry-Paraffin: MUC21 Antibody [NBP2-31023] - Staining in human esophagus and skeletal muscle tissues . Corresponding MUC21 RNA-seq data are presented for the same tissues.



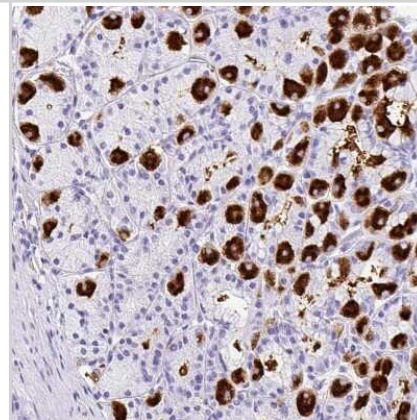
Immunohistochemistry-Paraffin: MUC21 Antibody [NBP2-31023] - Staining of human esophagus shows moderate membranous positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: MUC21 Antibody [NBP2-31023] - Staining of human skeletal muscle shows no positivity in myocytes.



Immunohistochemistry-Paraffin: MUC21 Antibody [NBP2-31023] - Staining of human stomach shows strong cytoplasmic positivity in parietal cells.



## Publications

Akimori T, Yamazaki M, Abé T et al. Searching for new early detection markers of oral epithelial dysplasia and oral squamous cell carcinoma using oral liquid-based cytology Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology 2023-11-01



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### **Products Related to NBP2-31023**

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NBP2-31023PEP	MUC21 Recombinant Protein Antigen
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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