

# Product Datasheet

## MUC1 Antibody - BSA Free

### NBP1-85778

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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**NBP1-85778**

MUC1 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	
Description	Novus Biologicals Rabbit MUC1 Antibody - BSA Free (NBP1-85778) is a polyclonal antibody validated for use in IHC. Anti-MUC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4582
Gene Symbol	MUC1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (84%). Human reactivity reported in scientific literature (PMID: 26416748).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AVCQCRRKNYGQLDIFPARDTYHPMSEYPTYHHTHGRYVPPSSTDSPYEKVS AGNGGSSLSYTNPAVAATSANL
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC reported in scientific literature (PMID: 26416748). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

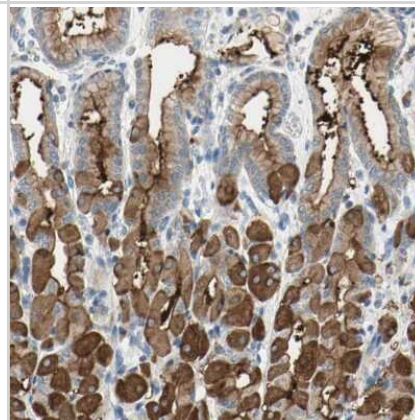


## Images

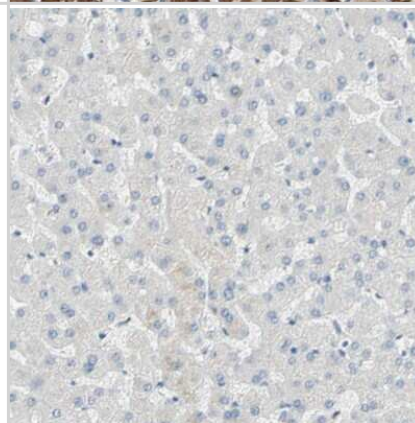
Immunohistochemistry-Paraffin: MUC1 Antibody [NBP1-85778] -  
Staining in human stomach and liver tissues using anti-MUC1 antibody.  
Corresponding MUC1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: MUC1 Antibody [NBP1-85778] -  
Staining of human stomach shows high expression.



Immunohistochemistry-Paraffin: MUC1 Antibody [NBP1-85778] -  
Staining of human liver shows low expression as expected.



## Publications

Lawson DA, Bhakta NR, Kessenbrock K et al. Single-cell analysis reveals a stem-cell program in human metastatic breast cancer cells. Nature 2015-10-01 [PMID: 26416748] (IF/IHC, Human)



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### **Products Related to NBP1-85778**

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NBP1-85778PEP	MUC1 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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