

# Product Datasheet

## MUC1 Antibody (CL8733) - BSA Free NBP3-05503

Unit Size: 100 ul

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

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**NBP3-05503**

MUC1 Antibody (CL8733) - BSA Free

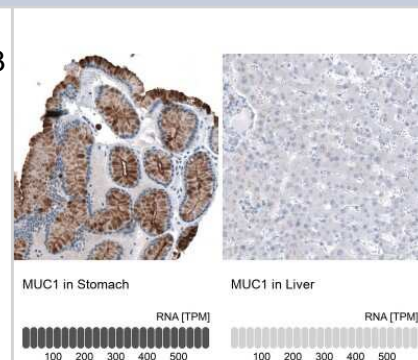
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL8733
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse MUC1 Antibody (CL8733) - BSA Free (NBP3-05503) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
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%)
Immunogen	This antibody was developed using a recombinant protein derived from P15941, with the exact immunogen sequence remaining proprietary.

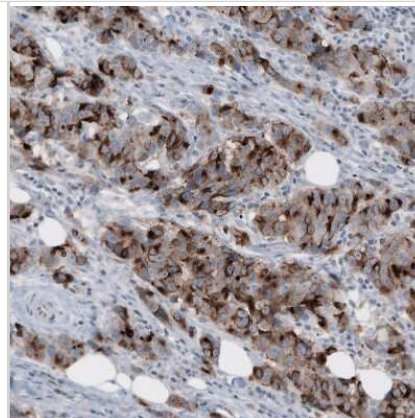
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

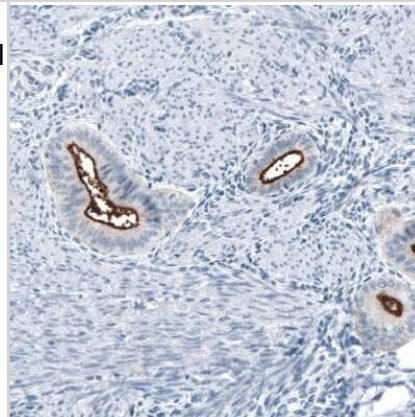
Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Analysis in human stomach and liver tissues using NBP3-05503 antibody. Corresponding MUC1 RNA-seq data are presented for the same tissues.



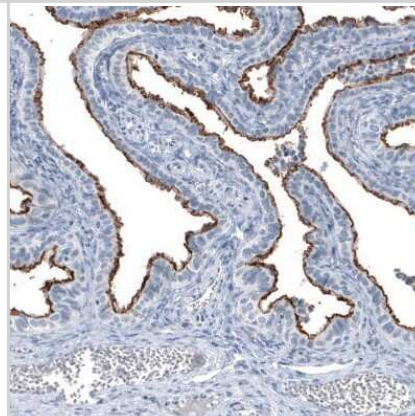
Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Staining of human breast cancer shows strong cytoplasmic positivity.



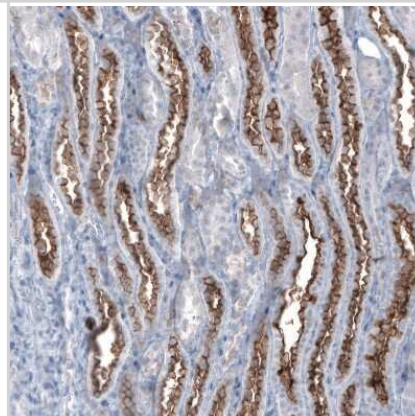
Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Staining of human endometrium shows strong positivity in apical membrane in glandular cells.



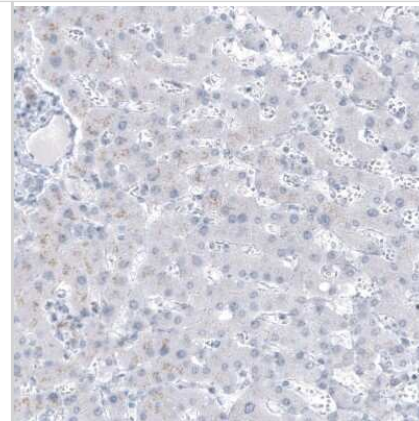
Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Staining of human Fallopian tube shows strong positivity in apical membrane in glandular cells.



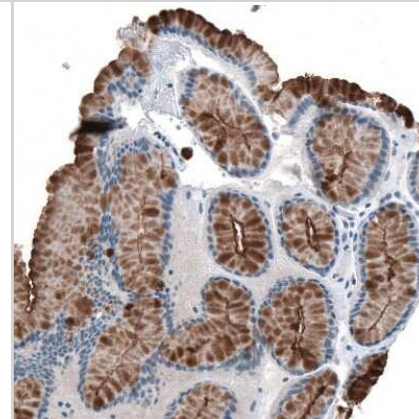
Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Staining of human kidney shows strong membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Staining of human liver shows low positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: MUC1 Antibody (CL8733) [NBP3-05503] - Staining of human stomach shows strong cytoplasmic and membranous positivity in glandular cells.





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### **Products Related to NBP3-05503**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00004582-Q01-10ug	Recombinant Human MUC1 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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