

# Product Datasheet

## MUC2 Antibody (4L5Y8)

### NBP3-16481-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16481-100ul**

MUC2 Antibody (4L5Y8)

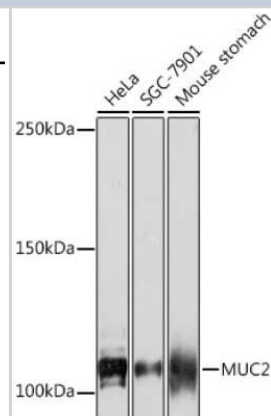
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4L5Y8
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 0.05% BSA, 50% glycerol, pH7.3
<b>Target Molecular Weight</b>	55 kDa

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4583
<b>Gene Symbol</b>	MUC2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 5000-5100 of human MUC2 (Q02817). PDNQHVLKPGDFKSDPKNNCTFFSCVKIHNQLISSVSNITCPNFDASICIPGSIT FMPNGCCKTCTPRNETRVPCSTVPVTTEVSYAGCTKTVLMNHCSG

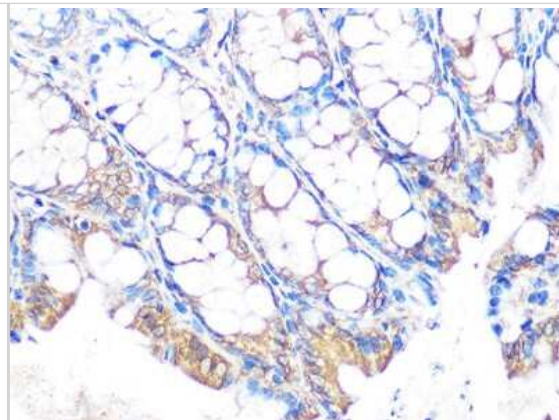
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:500 - 1:2000, Immunohistochemistry-Paraffin 1:500 - 1:2000

**Images**

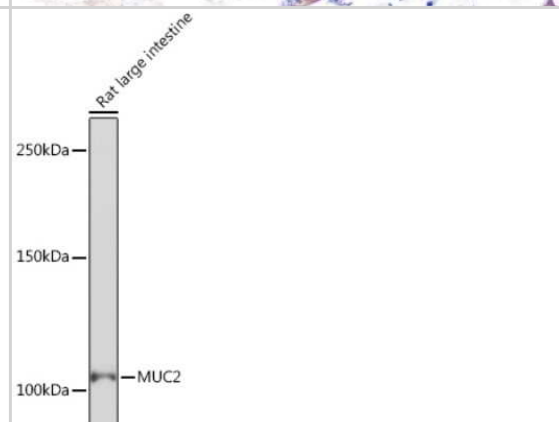
Western Blot: MUC2 Antibody (4L5Y8) [NBP3-16481] - Western blot analysis of extracts of various cell lines, using MUC2 Rabbit mAb (NBP3-16481) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



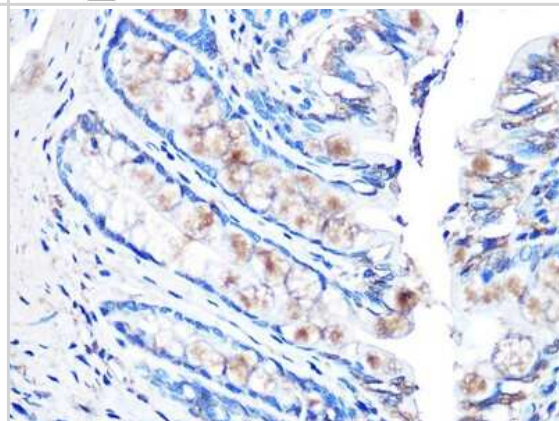
**Immunohistochemistry-Paraffin: MUC2 Antibody (4L5Y8) [NBP3-16481]**  
 - Immunohistochemistry of paraffin-embedded mouse colon using MUC2 Rabbit mAb (NBP3-16481) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



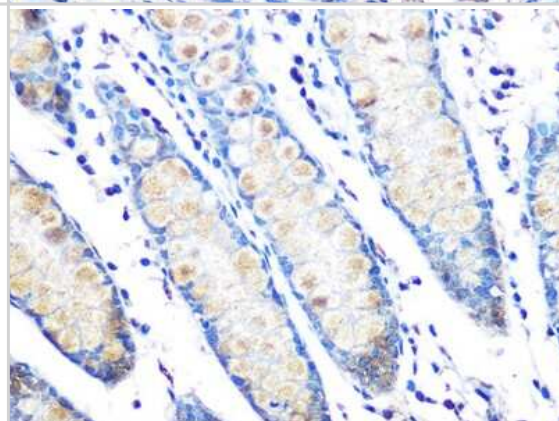
**Western Blot: MUC2 Antibody (4L5Y8) [NBP3-16481]** - Western blot analysis of extracts of Rat large intestine, using MUC2 Rabbit mAb (NBP3-16481) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 3min.



**Immunohistochemistry-Paraffin: MUC2 Antibody (4L5Y8) [NBP3-16481]**  
 - Immunohistochemistry of paraffin-embedded rat rectum using MUC2 Rabbit mAb (NBP3-16481) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: MUC2 Antibody (4L5Y8) [NBP3-16481]**  
 - Immunohistochemistry of paraffin-embedded human colon using MUC2 Rabbit mAb (NBP3-16481) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.





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### **Products Related to NBP3-16481-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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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