

# Product Datasheet

## MUC2 Antibody (SPM513) [Biotin] NBP3-11491B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11491B**

MUC2 Antibody (SPM513) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM513
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	4583
Gene Symbol	MUC2
Species	Human
Specificity/Sensitivity	Recognizes a single glycoprotein of 520kDa, identified as mucin 2 (MUC2). This monoclonal antibody shows no cross-reaction with human milk fat globule membranes, MUC1, or MUC3. Its epitope has been defined as GTQTP (GlyThrGlnThrPro). Mucins are high molecular weight glycoproteins, which constitute the major component of the mucus layer that protects the gastric epithelium. MUC2 is specifically expressed in goblet cells of the small intestine in about 65% of colonic carcinomas and about 40% of gastric carcinomas. MUC2 is rarely expressed outside of the GI tract with the exceptions of mucinous carcinoma of breast and clear cell-type carcinomas of the ovary.
Immunogen	A synthetic peptide of 29 amino acids, KYPTTTPISTTTMTPTPTGTQTPPTT from MUC2 protein, coupled to KLH. (Uniprot: Q02817)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-11491B**

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IC002B	Mouse IgG1 Isotype Control (11711) [Biotin]
210-TA-005	TNF-alpha [Unconjugated]
NBP2-76700	Human MUC2 ELISA Kit (Colorimetric)
NB200-103	p53 Antibody (PAb 240) - BSA Free

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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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