

Product Datasheet

MUC2 Antibody (CCP58) - Azide and BSA Free NBP2-33157

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-33157

MUC2 Antibody (CCP58) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CCP58
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	520 kDa

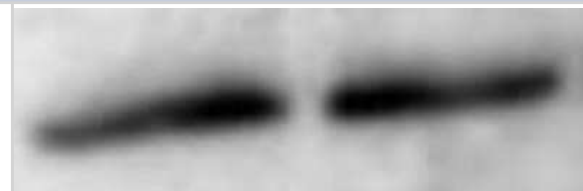
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-25221). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	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, KYPTTTPISTTTMTPTPTGTQTPTTT from MUC2 protein, coupled to KLH. (Uniprot: Q02817)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. Western Blot reported in scientific literature (PMID: 27084834).

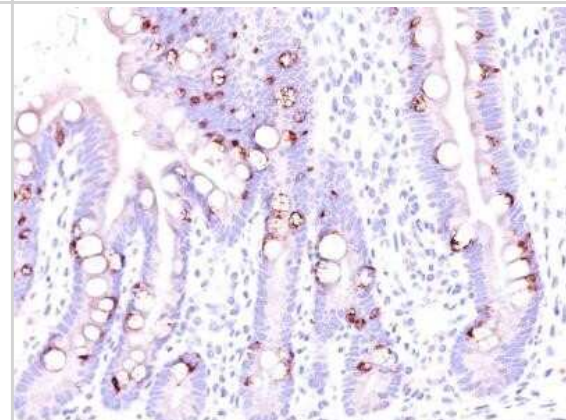


Images

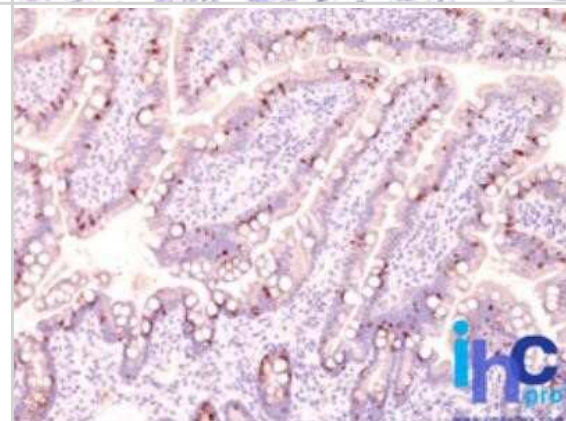
Western Blot: MUC2 Antibody (CCP58) - Azide and BSA Free [NBP2-33157] - MDA MB 231 cells and HCC827 human non-small cell lung cancer cell line lysates. Image from verified customer review.



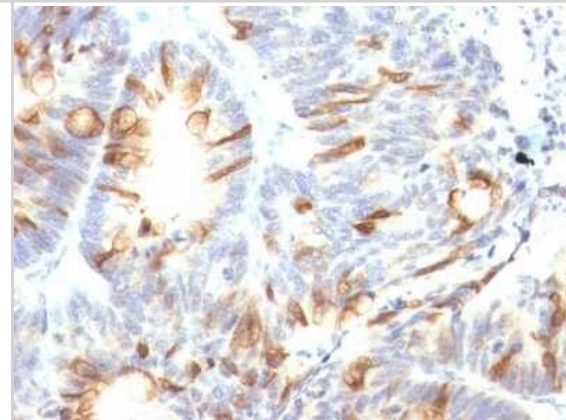
Immunohistochemistry-Paraffin: MUC2 Antibody (CCP58) - Azide and BSA Free [NBP2-33157] - Formalin-paraffin normal human intestine stained with MUC2 Ab (CCP58).



Immunohistochemistry-Paraffin: MUC2 Antibody (CCP58) - Azide and BSA Free [NBP2-33157] - Formalin-fixed, paraffin-embedded normal human intestine (10X) stained with MUC2 antibody (1:200), peroxidase-conjugate and DAB chromogen.



Immunohistochemistry-Paraffin: MUC2 Antibody (CCP58) - Azide and BSA Free [NBP2-33157] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with MUC2 Antibody (CCP58).





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Products Related to NBP2-33157

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

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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