

# Product Datasheet

## MUC5AC Antibody (MUC5AC/917 + 45M1) - IHC-Prediluted NBP2-48429

Unit Size: 7 ml

Store at 4C.

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**NBP2-48429**

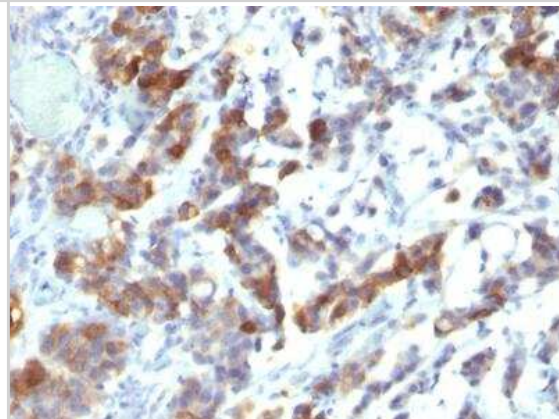
MUC5AC Antibody (MUC5AC/917 + 45M1) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	MUC5AC/917 + 45M1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	641 kDa
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	4586
Gene Symbol	MUC5AC
Species	Human
Specificity/Sensitivity	Mucin 5AC glycoprotein (MUC5AC) is a 641kDa glycoprotein belonging to the superfamily of mucins. Mucins are high molecular weight glycoproteins produced by epithelial cells and can be divided into two families; secretory mucins and membrane bound mucins. MUC5AC is a mucus-forming secreted mucin that is found in normal gastric and tracheo-bronchial mucosa, but absent from normal colon. MUC5AC expression is present in primary ovarian mucinous cancer but usually absent in colorectal adenocarcinoma, thus showing an expression pattern opposite to MUC2. Together with a panel of antibodies, Anti-MUC5AC may be useful for differential identification of primary mucinous ovarian tumors from colon adenocarcinoma metastatic to the ovary. MUC5AC antibodies may also be useful for identification of intestinal metaplasia as well as in the identification of pancreatic carcinoma and pre-cancerous changes vs. normal pancreas.
Immunogen	Recombinant human MUC5AC protein (MUC5AC/917); M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient (45M1) (Uniprot: P98088)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, 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.

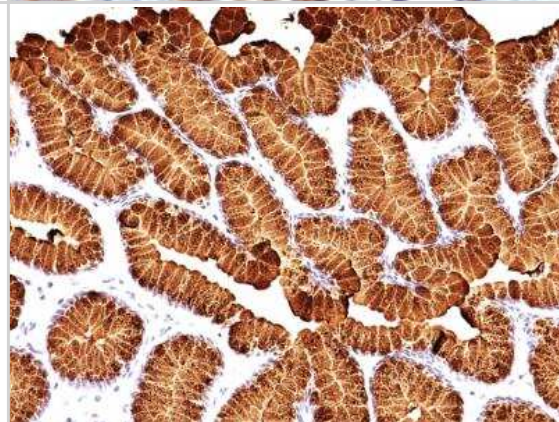


## Images

Immunohistochemistry-Paraffin: MUC5AC Antibody (MUC5AC/917 + 45M1) - IHC-Prediluted [NBP2-48429] - Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with MUC5AC Monoclonal Antibody (MUC5AC/917 + 45M1).



Immunohistochemistry-Paraffin: MUC5AC Antibody (MUC5AC/917 + 45M1) - IHC-Prediluted [NBP2-48429] - Formalin-fixed, paraffin-embedded human Stomach stained with MUC5AC Monoclonal Antibody (MUC5AC/917 + 41).





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### **Products Related to NBP2-48429**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00004586-Q01-10ug	Recombinant Human MUC5AC GST (N-Term) Protein
236-EG-200	EGF [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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