

Product Datasheet

MUC5AC Antibody (CLH2) - IHC-Prediluted NBP2-48417

Unit Size: 7 ml

Store at 4C.

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NBP2-48417**MUC5AC Antibody (CLH2) - IHC-Prediluted**

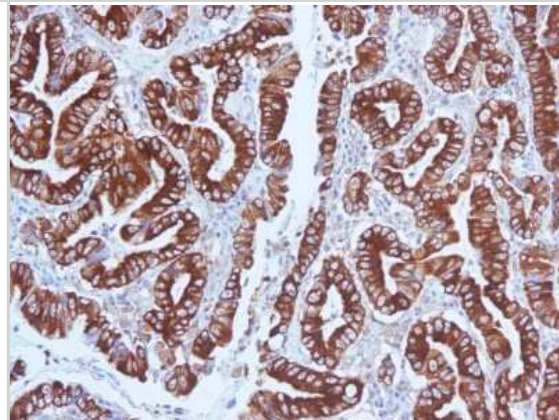
Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CLH2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
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 HMW glycoprotein belonging to the superfamily of mucins. Mucins are 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. The antibody recognizes the sequence TTSTTSAP within the tandem repeat of MUC5AC. It further recognizes glycosylated as well as unglycosylated MUC5AC.
Immunogen	A synthetic peptide of human MUC5AC tandem repeat (Uniprot: P98088)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Hu-chromosome location: 11p15.5 Molecular weight of antigen: >1,000kDa Immunohistochemistry-Paraffin 1 - 2 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10 - 20 min followed by cooling at RT for 20 minutes. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

Images

Immunohistochemistry: MUC5AC Antibody (CLH2) - IHC-Prediluted [NBP2-48417] - Human stomach tissue (FFPE). Antibody at 1:100. ICC/IF image submitted by a verified customer review.



Immunohistochemistry-Paraffin: MUC5AC Antibody (CLH2) - IHC-Prediluted [NBP2-48417] - Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with MUC5AC Antibody (CLH2). Courtesy of Dr. Leonor David, IPATIMUP and Medical Faculty, University of Porto, Portugal.



Publications

Aoki Y, Mizuma M, Hata T et al. Intraductal papillary neoplasms of the bile duct are consisted of two distinct types specifically associated with clinicopathological features and molecular phenotypes J Pathol. [PMID: 32100878] (IF/IHC, Human)



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Products Related to NBP2-48417

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)
H00004586-Q01-10ug	Recombinant Human MUC5AC GST (N-Term) Protein

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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