# **Product Datasheet**

## MUC5AC Antibody (CLH2) [Alexa Fluor® 594] NBP3-11458AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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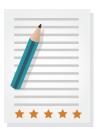


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Updated 10/26/2023 v.20.1





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#### NBP3-11458AF594

MUC5AC Antibody (CLH2) [Alexa Fluor® 594]

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Product Information	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	CLH2		
Preservative	0.05% Sodium Azide		
Isotype	IgG1 Kappa		
Conjugate	Alexa Fluor 594		
Purity	Protein A or G purified		
Buffer	50mM Sodium Borate		
Product Description			
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)		



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Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Notes





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#### Products Related to NBP3-11458AF594

IC002T	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 594]
H00004586-Q01-10ug	Recombinant Human MUC5AC GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-76703	Human MUC5AC ELISA Kit (Colorimetric)

#### 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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