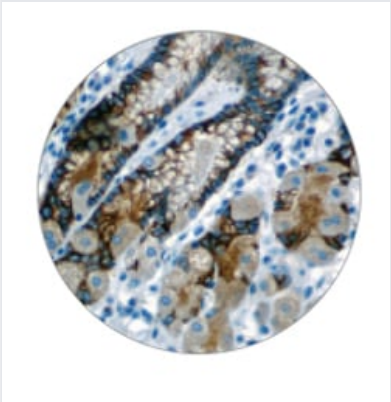
MUC5AC Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MUC5AC, Monoclonal Antibody
Full Product Name	MUC5AC
Product Gene Name	anti-MUC5AC antibody
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CLH2
Host	Mouse
Species Reactivity	Human
Form/Format	MUC5AC is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated,dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Preparation and Storage	Store at 2 to 8 degree C in the dark.
Control	Stomach
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for anti-MUC5AC antibody	Mucin 5AC, also known as MUC5AC, is a human gene. The Mucin 5AC antigen is found in columnar mucous cells of surface gastric epithelium and in goblet cells of the fetal and precancerous colon but not in normal colon cells. Mucin genes are expressed in a regulated cell- and tissue-specific manner. MUC1 is detected in mucous cells of the surface epithelium and neck region of the gastric antrum, as well as in pyloric glands and oxynthic glands of the body region. MUC5AC is highly expressed in foveolar epithelium of both body and antrum, whereas MUC6 protein expression is limited to mucous neck cells of the body and pyloric glands of the antrum. The mucin expression pattern of Gastric Carcinoma is heterogeneous. It includes mucins normally expressed in gastric mucosa (MUC1, MUC5AC and MUC6) and de novo expression of the intestinal mucin MUC2. The heterogeneous pattern of mucin expression, including the expression of the intestinal mucin MUC2, may provide new insights into the differentiation pathways of Gastric Carcinoma. It has been shown that in Gastric Carcinomas evaluated for expression of several mucins (MUC1, MUC2, MUC5AC and MUC6), mucin expression is associated with tumor type (MUC5AC with Diffuse and Infiltrative Carcinomas and MUC2 with Mucinous Carcinomas) but not with the clinico-biological behavior of the tumors. Mucin expression is associated with tumor location (MUC5AC with Antrum Carcinomas and MUC2 with Cardia Carcinomas), indirectly reflecting differences in tumor differentiation according to tumor location.
Other Notes	Small volumes of anti-MUC5AC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MUC5AC purchase	MBS370143 is an antibody targeting MUC5AC. Reactive in Human. Host: Mouse.

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:100	0.1 ml
Concentrated	1:50-1:100	0.5 ml
Concentrated	1:50-1:100	1.0 ml
Control Slides		5

Dilution Information of anti-MUC5AC antibody



Immunohistochemistry (IHC) of anti-MUC5AC antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MUC5AC. It may not necessarily be applicable to this product.

NCBI GI #	15026993
NCBI Official Full Name	MUC5AC protein
Protein Family	Mucin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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