

ARG56057 anti-MUC3 antibody [M3.1]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [M3.1] recognizes MUC3
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	M3.1
Isotype	IgG2a, kappa
Target Name	MUC3
Species	Human
Immunogen	aa. C-HSTPSFTSSITTTETTSHTSPSTSSITTTETTS which contains two of the MUC3 tandem repeats.
Conjugation	Un-conjugated
Alternate Names	MUC3; MUC-3A; Mucin-3A; Intestinal mucin-3A

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
Application Note	<p>IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0) for 10-20 min, followed by cooling at RT for 20 min.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

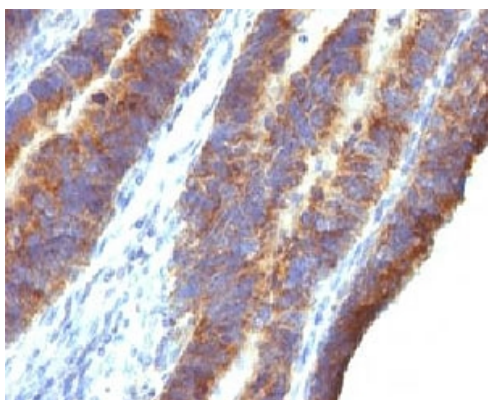
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

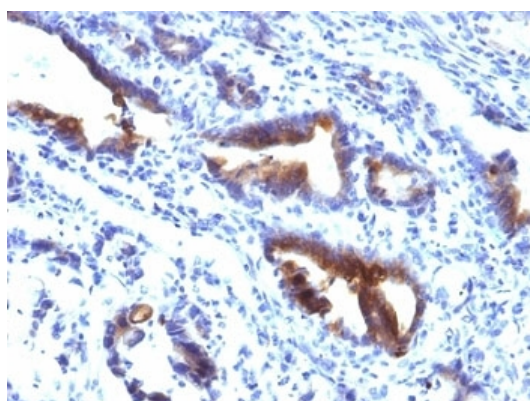
Gene Symbol	MUC3A
Gene Full Name	mucin 3A, cell surface associated
Background	The mucin genes encode epithelial glycoproteins, some of which are secreted and some membrane bound. Each of the genes contains at least one large domain of tandemly repeated sequence that encodes the peptide sequence rich in serine and/or threonine residues, which carries most of the O-linked glycosylation (Gendler and Spicer, 1995 [PubMed 7778880]).[supplied by OMIM, Aug 2008]
Function	Major glycoprotein component of a variety of mucus gels. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. May be involved in ligand binding and intracellular signaling. [UniProt]
Calculated Mw	345 kDa
Cellular Localization	Cytoplasmic and cell surface

Images



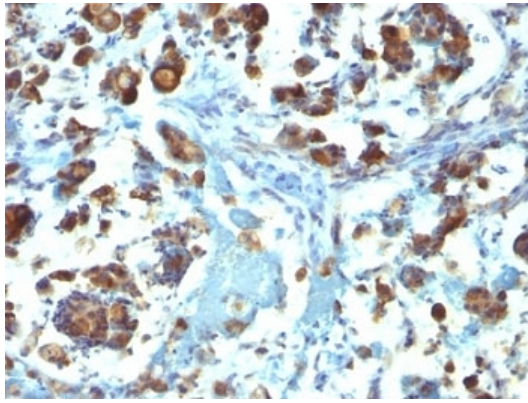
ARG56057 anti-MUC3 antibody [M3.1] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human colon carcinoma stained with ARG56057 anti-MUC3 antibody [M3.1].



ARG56057 anti-MUC3 antibody [M3.1] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human gastric carcinoma stained with ARG56057 anti-MUC3 antibody [M3.1].



ARG56057 anti-MUC3 antibody [M3.1] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human gastric carcinoma stained with ARG56057 anti-MUC3 antibody [M3.1].