
Product Name: MUC2 Mouse Monoclonal Antibody**Catalog #: AMM21996**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,IF,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio IHC 1:200-400;IF 1:50-200;ELISA 1:500-5000

Molecular Weight

Antigen Information

Gene Name	MUC2 SMUC
Alternative Names	
Gene ID	Human:4583
SwissProt ID	Human:Q02817
Immunogen	Synthesized peptide derived from human MUC2 AA range: 1800-2000

Background

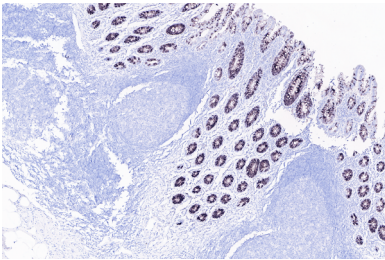
This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein

features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jul 2008],

Research Area

Pathology

Image Data



Human appendix tissue was stained with MUC2 Antibody