
Product Name: MUC4 Mouse Monoclonal Antibody**Catalog #: AMM22133**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,IF,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a,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	Calculated MW:231kDa

Antigen Information

Gene Name	MUC4 Mucin-4;MUC-4;Ascites sialoglycoprotein;ASGP;Pancreatic adenocarcinoma mucin;Testis
Alternative Names	mucin;Tracheobronchial mucin;[Cleaved into: Mucin-4 alpha chain;Ascites sialoglycoprotein 1;ASGP-1;Mucin-4 beta chain;Ascites sialoglycoprotein 2;ASGP-2;]
Gene ID	Human:4585
SwissProt ID	Human:Q99102
Immunogen	Synthesized peptide derived from human MUC4 AA range: 2000-2100

Background

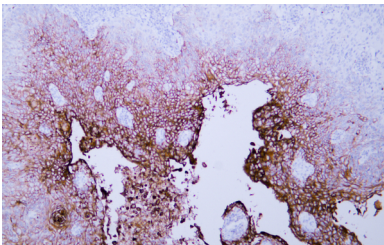
The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and

cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats. [provided by RefSeq, Jul 2008],

Research Area

Pathology

Image Data



Human cervical squamous cell carcinoma tissue was stained with Anti-MUC4 Antibody