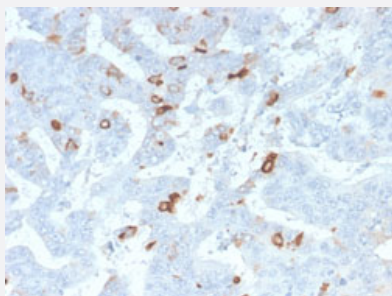


RecomAb™

MUC2 recombinant monoclonal antibody, clone MLP/2970R

Catalog # RAB00585 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MUC2.
Antibody Species	Rabbit
Immunogen	Purified human MUC2 protein
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon.

Gene Info — MUC2

Entrez GeneID [4583](#)

Protein Accession# [Q02817](#)

Gene Name MUC2

Gene Alias MLP, SMUC

Gene Description mucin 2, oligomeric mucus/gel-forming

Omim ID [158370](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the mucin protein family. Mucins are high molecular weight glyco proteins 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]

Other Designations mucin 2|mucin 2, intestinal/tracheal|mucin-like protein

Pathway

- [Vibrio cholerae infection](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)

- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Diseases](#)
- [Otitis Media](#)
- [Otitis Media with Effusion](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)