

**MUC2**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80096****Specification**

---

**MUC2 - Product info**

Application	IHC-P, IHC
Primary Accession	<a href="#">Q02817</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	550850

**MUC2 - Additional info**

Gene Name	MUC2
<b>Other Names</b>	
Mucin-2, MUC-2, Intestinal mucin-2, MUC2 {ECO:0000303 PubMed:8300571, ECO:0000312 HGNC:HGNC:7512}	

**Dilution**

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

**Storage**

Maintain refrigerated at 2-8°C

**Precautions**

**MUC2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

**MUC2 - Protein Information**

**Name** MUC2 {ECO:0000303|PubMed:8300571, ECO:0000312|HGNC:HGNC:7512}

Synonyms  
Function

**SMUC**  
Coats the epithelia of the intestines, airways, and other mucus membrane-containing organs. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. Major constituent of both the inner and outer mucus layers of the colon and may play a role in excluding bacteria from the inner mucus layer. Secreted. Note=In the intestine, secreted into the inner and outer mucus layers. Colon, small intestine, colonic tumors, bronchus, cervix and gall bladder

Cellular Location

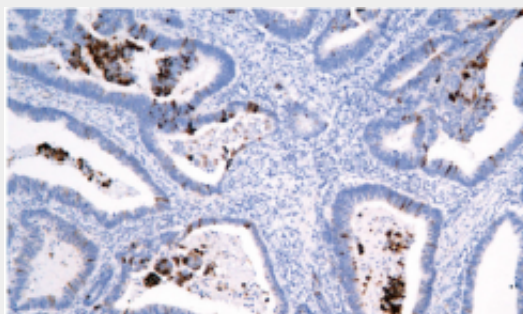
Tissue Location

## MUC2 - Protocols

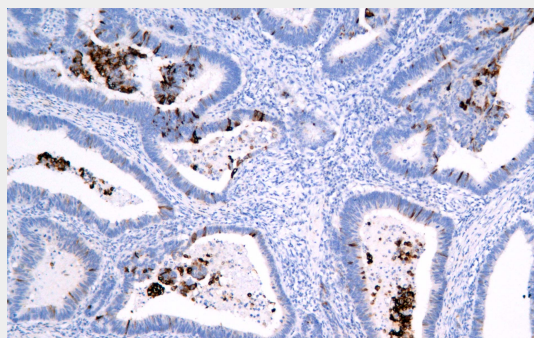
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## MUC2 - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded colorectal carcinoma; tissue using AD80096 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.