

MUC2
Mouse Monoclonal Antibody (Mab)
Catalog # APA096

Specification

MUC2 - Product Information

Application	IHC
Primary Accession	Q02817
Host	Mouse
Clonality	Monoclonal
Calculated MW	540300 Da

MUC2 - Additional Information

Gene Name	MUC2
Other Names	
Mucin-2, MUC-2, Intestinal mucin-2, MUC2, SMUC	

Dilution
IHC~~1:100~500

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MUC2 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	SMUC
Function	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.
Cellular Location	Secreted. Note=In the intestine, secreted into the inner and outer mucus layers.
Tissue Location	Colon, small intestine, colonic tumors, bronchus, cervix and gall bladder

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