

Mouse anti-Human MUC2 Monoclonal Antibody | anti-MUC2 antibody

MUC2

CATALOG # AAA59263	HOST Mouse	REACTIVITY Human
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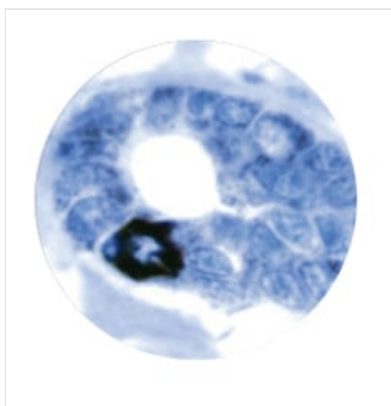
PRODUCT SYNONYMS

MUC2; Monoclonal Antibody; anti-MUC2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	996/1
Form/Format	Anti-MUC2 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Small Intestine, Colon, Colon Adenocarcinoma
Localization	Cytoplasmic, Cell Surface
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-MUC2 antibody	Mucin 2, also known as MUC2, is a human gene. This gene encodes a member of the mucin protein family. The protein encoded by this gene 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. MUC2 expression is detected in such human tissues as normal colon, breast, prostate, salivary gland, and in gastrointestinal, colonic, breast and prostate neoplasia. This antibody labels MUC2 in normal Colon and Colonic Carcinomas where it produces intense perinuclear staining in goblet cells. It also reacts with normal and neoplastic breast tissues and with Prostate Adenocarcinoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116284392
NCBI GeneID	4583
NCBI Accession #	NP_002448.2
NCBI GenBank Nucleotide #	NM_002457.2
UniProt Accession #	Q02817; Q14878; O00243; Q14883; Q14884; Q99322; Q9HBC5; Q9HBC6; Q9HBC7; Q9UMI9
Molecular Weight	540,300 Da
NCBI Official Full Name	mucin-2
NCBI Official Synonym Full Names	mucin 2, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC2
NCBI Official Synonym Symbols	MLP; SMUC; MUC-2
NCBI Protein Information	mucin-2; OTTHUMP00000210640; intestinal mucin-2; mucin-like protein; mucin 2, intestinal/tracheal
UniProt Protein Name	Mucin-2
UniProt Gene Name	MUC2
UniProt Synonym Gene Names	SMUC
UniProt Entry Name	MUC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/muc2-antibody-clone-996-1-elisa/59263>