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Datasheet

MUC2 monoclonal antibody (M06), clone 3A9

Catalog Number: H00004583-M06

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MUC2.

Clone Name: 3A9

Immunogen: MUC2 (NP_002448, 5081 a.a. ~ 5179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
TTEVSYAGCTKTVLMNHCSGSCGTFVMYSAKAQALD
HSCSCCKEEKTSQREVVLSCPNGGSLTHTYTHIESCQ
CQDTVCGLPTGTSRRARRSPRHLGSG*

Host: Mouse

Reactivity: Human

Applications: ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4583

Gene Symbol: MUC2

Gene Alias: MLP, SMUC

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