

## Datasheet

### MUC7 monoclonal antibody (M06A), clone 7F2

**Catalog Number:** H00004589-M06A

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant MUC7.

**Clone Name:** 7F2

**Immunogen:** MUC7 (NP\_689504, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRP  
KLPPSPNNPPKFPNPHQPPKHPDKNSSVVNPTLVATT  
QIPSVTFPSASTKITTLPNVTFLPQN

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re

(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 ascites fluid

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

**Entrez GeneID:** 4589

**Gene Symbol:** MUC7

**Gene Alias:** DKFZp686J03256, FLJ27047, MG2, MGC34772

**Gene Summary:** This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in

mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. The most common allele contains 6 repeats, and some alleles may be associated with susceptibility to asthma. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene]