

**MUC7 Antibody (monoclonal) (M06)**

Mouse monoclonal antibody raised against a partial recombinant MUC7.

Catalog # AT2938a

**Specification**

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**MUC7 Antibody (monoclonal) (M06) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q8TAX7</a>
Other Accession	<a href="#">NM_152291</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	39159

**MUC7 Antibody (monoclonal) (M06) - Additional Information****Gene ID** 4589**Other Names**

Mucin-7, MUC-7, Apo-MG2, Salivary mucin-7, MUC7, MG2

**Target/Specificity**

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

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

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

**Precautions**

MUC7 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

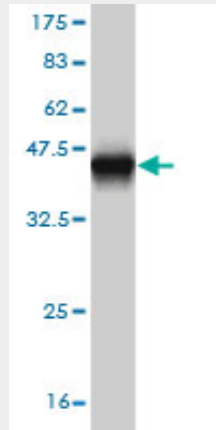
**MUC7 Antibody (monoclonal) (M06) - Protocols**

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

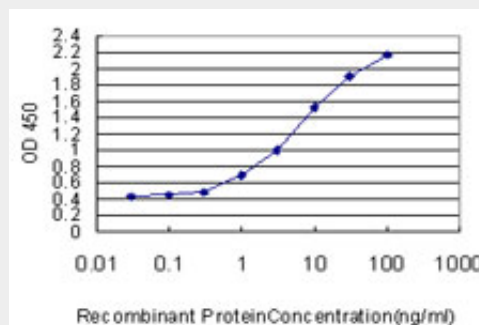
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **MUC7 Antibody (monoclonal) (M06) - Images**



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Detection limit for recombinant GST tagged MUC7 is approximately 0.03ng/ml as a capture antibody.

### **MUC7 Antibody (monoclonal) (M06) - Background**

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.

### **MUC7 Antibody (monoclonal) (M06) - References**

1. Aberrant mucin glycoprotein patterns of chronic rhinosinusitis patients with bacterial biofilms. Tan L, Psaltis A, Baker LM, McGuckin M, Rousseau K, Wormald P. American Journal of Rhinology & Allergy (2010) DOI: 10.2500/ajra.2010.24.3504