

MUC7 Antibody (monoclonal) (M06)**Mouse monoclonal antibody raised against a partial recombinant MUC7.****Catalog # AT2938a****Specification**

MUC7 Antibody (monoclonal) (M06) - Product Information

Application	WB, E
Primary Accession	Q8TAX7
Other Accession	NM_152291
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

E~~N/A

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.

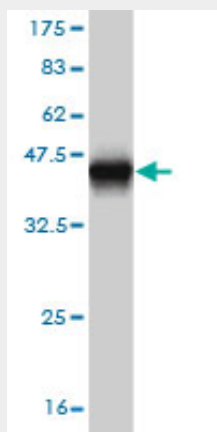
MUC7 Antibody (monoclonal) (M06) - Protocols

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

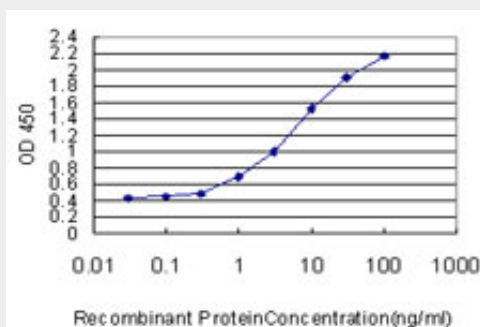
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [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