

## MUC7 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant MUC7.

Catalog # AT2938a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q8TAX7</a>
<b>Other Accession</b>	<a href="#">NM_152291</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	7F2
<b>Calculated MW</b>	39159

### Additional Information

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<b>Gene ID</b>	4589
<b>Other Names</b>	Mucin-7, MUC-7, Apo-MG2, Salivary mucin-7, MUC7, MG2
<b>Target/Specificity</b>	MUC7 (NP_689504, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	MUC7 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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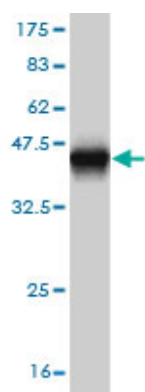
This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. The most common allele 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.

### References

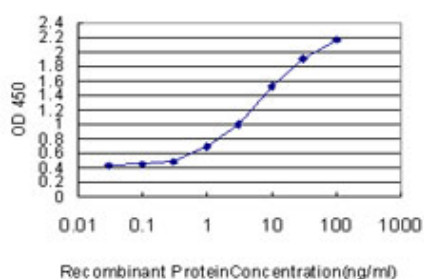
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1.Aberrant mucin glycoprotein patterns of chronic rhinosinusitis patients with bacterial biofilms.Tan L, Psaltis A, Baker LM, McGuckin M, Rousseau K, Wormald P.American Journal of Rhinology & Allergy (2010)

## 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.