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MUC7 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant MUC7.
Catalog # AT2938a

Product Information

Application	WB, E
Primary Accession	Q8TAX7
Other Accession	NM_152291
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	7F2
Calculated MW	39159

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.

Background

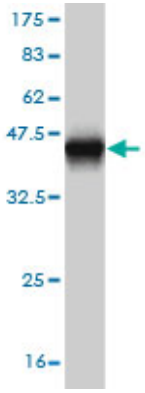
This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. The most common allele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

References

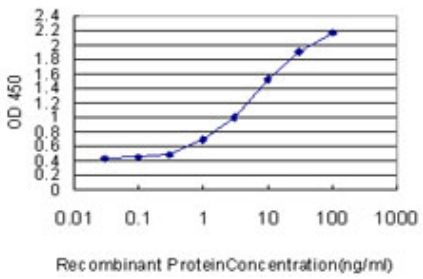
1.Aberrant mucin glycoprotein patterns of chronic rhinosinusitis patients with bacterial biofilms.Tan L, Psaltis A, Baker LM, McGuckin M, Rousseau K, Wormald P.American Journal of Rhinology & Allergy (2010)

DOI: 10.2500/ ajra.2010.24.3504

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'.