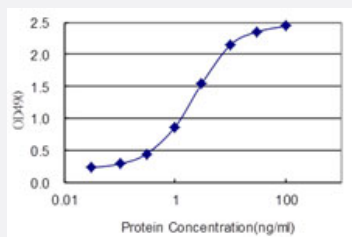


MUC7 monoclonal antibody (M05), clone 1C10

Catalog # H00004589-M05

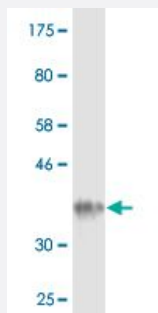
Size 50 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MUC7 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant MUC7.

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

HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRPKLPPSPNPPKFPNPHQPPKHPDKNSS
VVNPTLVATTQIPSVTFPSASTKITTLPNVTFLPQN

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

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

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MUC7 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MUC7

Entrez GeneID

[4589](#)

GeneBank Accession#

[NM_152291](#)

Protein Accession#

[NP_689504](#)

Gene Name

MUC7

Gene Alias

DKFZp686J03256, FLJ27047, MG2, MGC34772

Gene Description

mucin 7, secreted

Omim ID

[158375 600807](#)

Gene Ontology

[Hyperlink](#)

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

Other Designations

mucin 7, salivary

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiration Disorders](#)
- [Respiratory Syncytial Virus Infections](#)