MUC7 rabbit monoclonal antibody

Catalog # H00004589-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MUC7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MUC7 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MUC7 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — MUC7

Entrez GeneID	4589
GeneBank Accession#	MUC7
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