

MUC7 Conjugated Antibody

Catalog No: #C43220



Package Size: #C43220-AF350 100ul #C43220-AF405 100ul #C43220-AF488 100ul
 #C43220-AF555 100ul #C43220-AF594 100ul #C43220-AF647 100ul
 #C43220-AF680 100ul #C43220-AF750 100ul #C43220-Biotin 100ul

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Description

Product Name	MUC7 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MUC7 protein.
Immunogen Description	Synthetic peptide of human MUC7
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MG2
Accession No.	Swiss-Prot#:Q8TAX7 NCBI Gene ID:4589NCBI mRNA#:NP_689504
Uniprot	Q8TAX7
GeneID	4589;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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. This antimicrobial protein has antibacterial and antifungal activity. 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.?

Note: This product is for in vitro research use only