



Anti-MUC5B monoclonal antibody, clone 9D22 (CABT-20596MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the mucin family of proteins, which are highly glycosylated macromolecular components of mucus secretions. This family member is the major gel-forming mucin in mucus. It is a major contributor to the lubricating and viscoelastic properties of whole saliva, normal lung mucus and cervical mucus. This gene has been found to be up-regulated in some human diseases, including sinus mucosa of chronic rhinosinusitis (CRS), CRS with nasal polyposis, chronic obstructive pulmonary disease (COPD) and H. pylori-associated gastric disease, and it may be involved in the pathogenesis of these diseases. Mouse monoclonal antibody raised against a partial recombinant MUC5B.
Immunogen	MUC5B (XP_039877, 4186 a.a. ~ 4296 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	9D22
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	CEEDSCQVRINTTILWHQGCETEVNITFCEGSCPGASKYSAEAQAMQHQCTCCQERRVHE ETVPLHCPNGSAILHTYTHVDECGCTPFCVPAPMAPPHTRGFPAQEATAV*
Size	200 µl
Buffer	In ascites fluid

Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MUC5B mucin 5B, oligomeric mucus/gel-forming [Homo sapiens]
Official Symbol	MUC5B
Synonyms	MG1; MUC5; MUC9; MUC-5B; mucin-5B; OTTHUMP00000233052; cervical mucin MUC5B; sublingual gland mucin; mucin-5 subtype B, tracheobronchial; mucin 5, subtype B, tracheobronchial; high molecular weight salivary mucin MG1
Entrez Gene ID	727897
Protein Refseq	NP_002449
UniProt ID	Q9HC84
Chromosome Location	11p15.5
Pathway	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem
Function	extracellular matrix structural constituent; protein binding