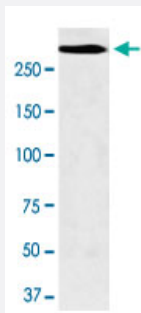


MUC5B monoclonal antibody, clone AFCO-13

Catalog # MAB22075 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human MUC5B.
Immunogen	A synthetic peptide corresponding to human MUC5B.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human MUC5B, in native form and recombinant. Superfamily members of MUC5B are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:100) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HeLa cell lysate.

- Flow Cytometry

Gene Info — MUC5B

Entrez GeneID[727897](#)**Protein Accession#**[Q9HC84](#)**Gene Name**

MUC5B

Gene Alias

MG1, MUC5, MUC9

Gene Description

mucin 5B, oligomeric mucus/gel-forming

Omim ID[600770](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Mucins are high molecular mass, highly glycosylated macromolecules that are the major components of mucus secretions. MUC5B is a salivary mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva. It is composed of 14.9% protein, 78.1% carbohydrate, and 7% sulfate (Troxler et al., 1995 [PubMed 8554565]).[supplied by OMIM]

Other Designations

cervical mucin MUC5B|high molecular weight mucin|mucin 5, subtype B, tracheobronchial|mucin, salivary (high molecular weight)

Disease

- [Asthma](#)

- [Bronchiolitis](#)

- [Chronic Disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Diseases](#)
- [Otitis Media](#)
- [Otitis Media with Effusion](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)