Datasheet for ABIN7193534
anti-MUC5B antibody (AA 5630-5757)

Overview

Quantity: 0.1 mg
Target: MUC5B
Binding Specificity: AA 5630-5757
Reactivity: Human
Host: Mouse
Clonality: Monoclonal
Conjugate: This MUC5B antibody is un-conjugated
Application: Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen: Purified recombinant fragment of human MUC5B (AA: 5630-5757) expressed in E. coli.
Clone: 2A11G9
Isotype: IgG1
Purification: purified

Target Details

Target: MUC5B
Alternative Name: MUC5B (MUC5B Products)
Background: 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
Target Details

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.

Aliases: MG1, MUC5, MUC9, MUC-5B

Molecular Weight: 596 kDa
Gene ID: 727897

Application Details


Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide
Preservative: Sodium azide
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Images

Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using MUC5B mouse mAb (green) and negative control (red).
Images

**ELISA**

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

**Western Blotting**

**Image 3.** Western blot analysis using MUC5B mAb against human MUC5B (AA: 5630-5757) recombinant protein. (Expected MW is 40.9 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193534.