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

4 Images

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

Application Notes: WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

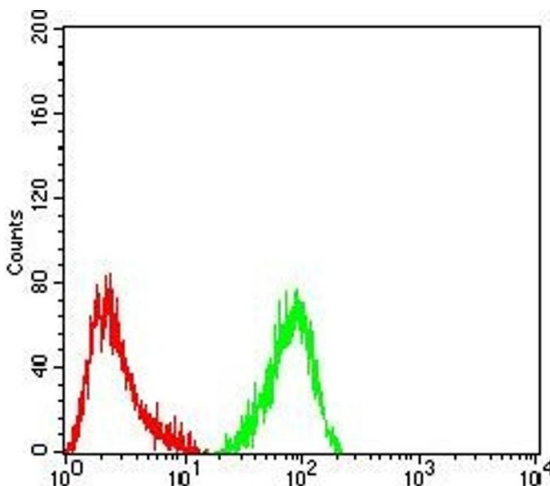
Preservative: Sodium azide

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

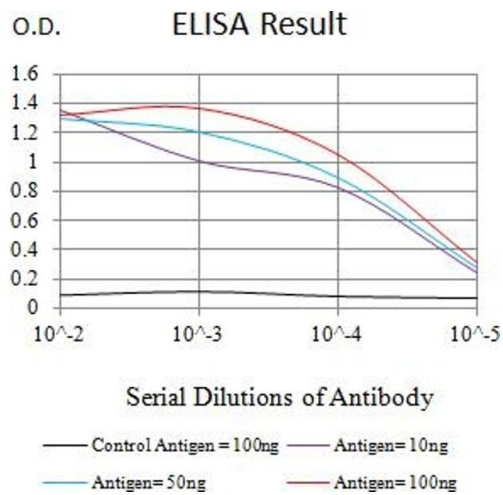
Storage Comment: 4°C, -20°C for long term storage

Images



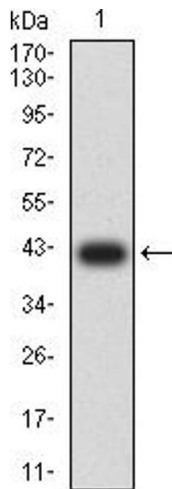
Flow Cytometry

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



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.