

Datasheet for ABIN7193318
anti-MUC5B antibody (AA 26-166)

5 Images

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Overview

Quantity:	0.1 mg
Target:	MUC5B
Binding Specificity:	AA 26-166
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human MUC5B (AA: 26-166) expressed in E. coli.
Clone:	7F5A1
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

Target Details

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.

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

Molecular Weight:	596 kDa
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Gene ID:	727897
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

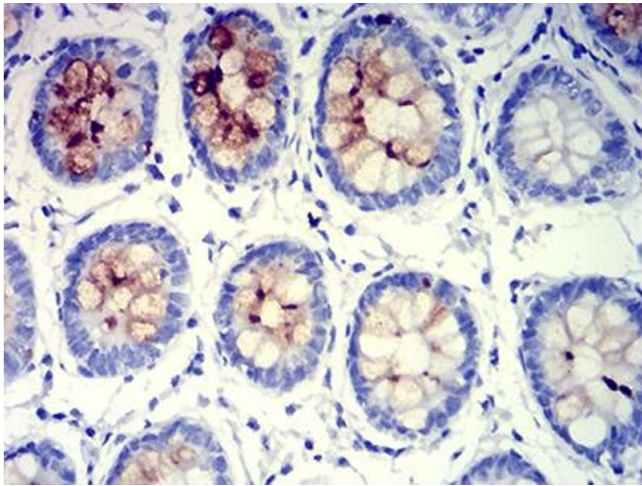
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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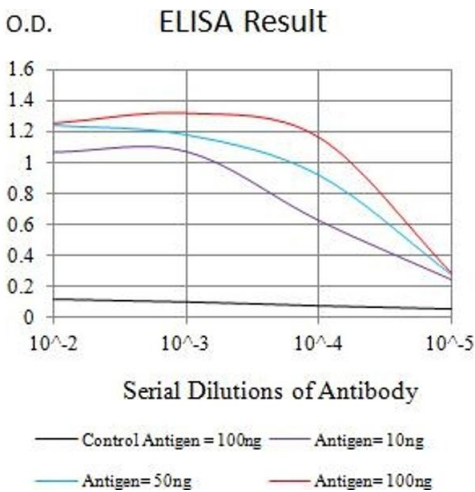
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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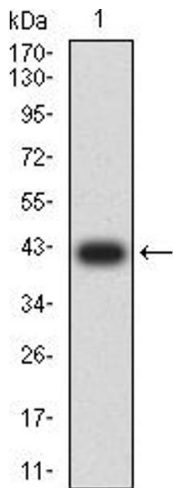
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum tissues using MUC5B mouse mAb with DAB staining.



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: 26-166) recombinant protein. (Expected MW is 41.4 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193318.