

Datasheet for ABIN7193601
anti-MUC2 antibody (AA 4373-4557)[Go to Product page](#)

6 Images

Overview

Quantity:	0.1 mg
Target:	MUC2
Binding Specificity:	AA 4373-4557
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human MUC2 (AA: 4373-4557) expressed in E. coli.
Clone:	7B8G10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	MUC2
Alternative Name:	MUC2 (MUC2 Products)
Background:	Description: This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by

Target Details

this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80 % is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Downregulation of this gene has been observed in patients with Crohn disease and ulcerative colitis.

Aliases: MLP, SMUC, MUC-2

Molecular Weight: 540 kDa

Gene ID: 4583

Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

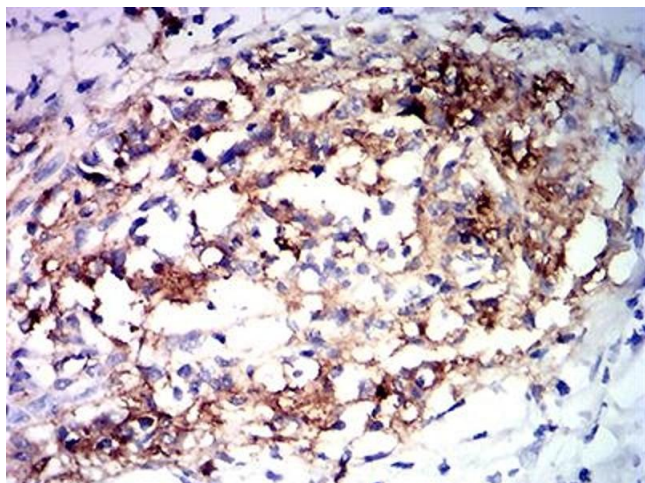
Preservative: Sodium azide

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

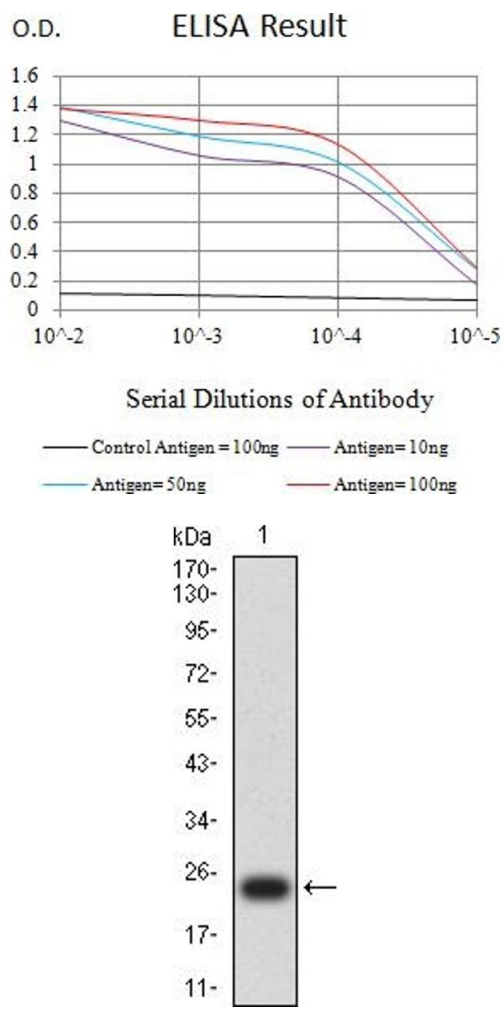
Storage Comment: 4°C, -20°C for long term storage

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using MUC2 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 MUC2 mAb against human MUC2 (AA: 4373-4557) recombinant protein. (Expected MW is 23.8 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7193601.