



Datasheet for ABIN7258032  
**anti-MUC2 antibody**



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2 Images

Overview

Quantity:	200 µL
Target:	MUC2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC2 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human MUC2 (NP_002448.4).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MUC2
Alternative Name:	MUC2 ( <a href="#">MUC2 Products</a> )
Background:	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 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.

## Target Details

The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Gene ID: 4583

UniProt: [Q02817](#)

## Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

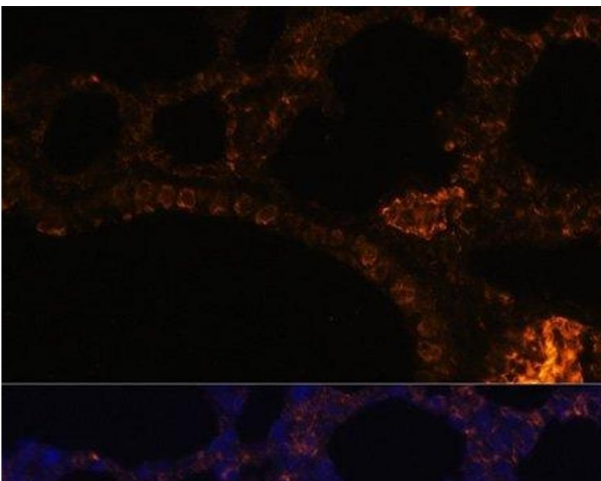
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

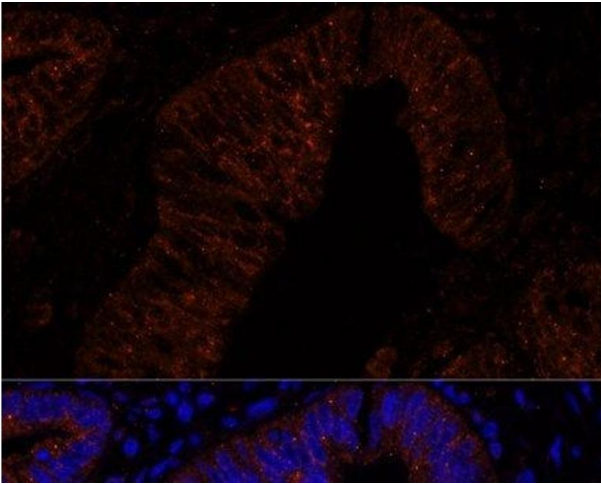
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Rat lung cells using MUC2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of Human colon carcinoma cells using MUC2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.