

## MUC2 antibody

Catalog No: #22938

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	MUC2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 4362 and 4426 of Human MUC2
Target Name	MUC2
Accession No.	NCBI Gene ID: 4583NCBI mRNA#: NM_002457NCBI Protein#: NP_002448
GeneID	4583;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

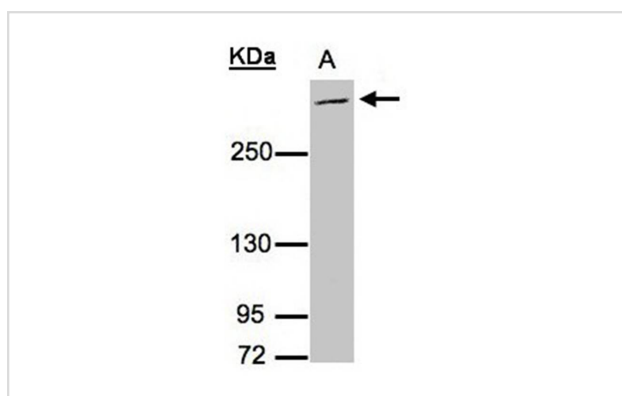
## Application Details

Predicted MW: 540kd

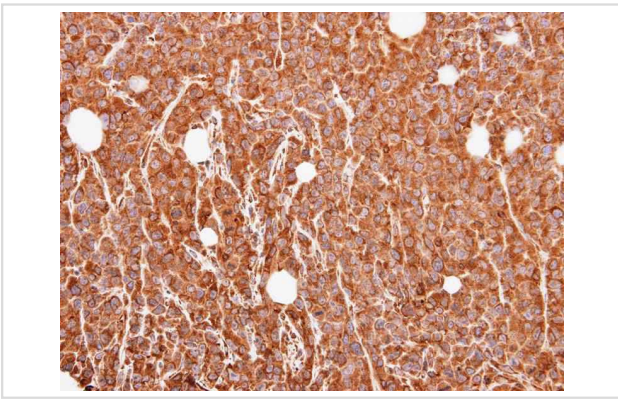
Western blotting: 1:500-1:3000

Immunohistochemistry: 1:50-1:500

## Images



Sample (30ug whole cell lysate)  
A: Raji  
5% SDS PAGE  
Primary antibody diluted at 1: 3000



Immunohistochemical analysis of paraffin-embedded SAS xenograft, using MUC2 antibody at 1: 500 dilution.

## 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. 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. [provided by RefSeq]

Note: This product is for in vitro research use only