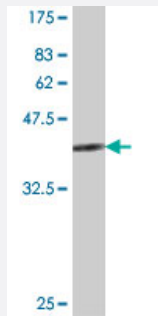


# MUC4 polyclonal antibody (A01)

Catalog # H00004585-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (38.21 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant MUC4.
<b>Immunogen</b>	MUC4 (NP_004523, 79 a.a. ~ 188 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	GVSLFPYGADAGDLEFVRRTVDFTSPLFKPATGFPLGSSLRDLSLYFTDNGQIIFPESDYQIFSYPNP LPTGFTGRDPVALVAPFWDDADFSTGRGTTFYQEYETFYGEHS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — MUC4

Entrez GeneID [4585](#)

GeneBank Accession# [NM\\_004532](#)

Protein Accession# [NP\\_004523](#)

Gene Name MUC4

Gene Alias HSA276359

Gene Description mucin 4, cell surface associated

Omim ID [158372](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats. [provided by RefSeq]

**Other Designations** mucin 4|mucin 4, tracheobronchial

## Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Infertility](#)

- [Lung Diseases](#)
- [Respiratory Syncytial Virus Infections](#)