



## Mucin 12 (MUC12, MUC-12, Mucin 11, MUC11, MUC-11)

### Catalog number

M4701-82B

### Supplier

United States Biological

Epithelial mucins are secreted glycoproteins that play roles in cell protection, adhesion modulation and signaling. MUC 12 is a novel mucin gene and may be involved in epithelial cell growth regulation. MUC 12 is down-regulated in colorectal cancers.

### Applications

Suitable for use in Western Blot. Other applications not tested.

### Recommended Dilution

Optimal dilutions to be determined by the researcher.

### Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### Immunogen

Residues 541-555 [WEDQNLRESRFGLN] of the human MUC 12 protein.

### Formulation

PBS with 0.02% sodium azide

### Purity

Purified by immunoaffinity chromatography.

### Specificity

Reacts with residues 541-555 [WEDQNLRESRFGLN] of the human MUC12 protein. Species Crossreactivity: Human. Others not specified

### Product Type

Pab

### Source

human

### Isotype

IgG

### Grade

Affinity Purified



**Applications**

WB

**Crossreactivity**

Hu

**Storage**

-20°C

**Reference**

1. Williams et al. (1999) Cancer Res. 59: 4083-4089.