

## MUC2 monoclonal antibody

Catalog: MB22942

Host: Mouse

Reactivity: Human

### 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. Downregulation of this gene has been observed in patients with Crohn disease and ulcerative colitis.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

540kDa

### Swiss-Prot:

Q02817

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1/200-1/1000 FC:1/200-1/400

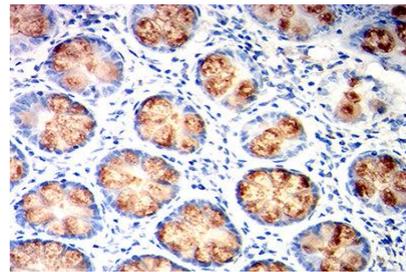
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

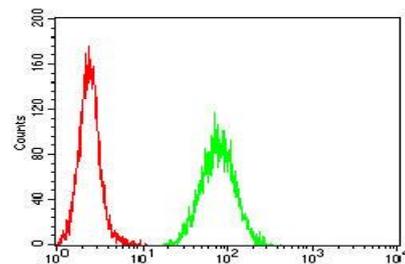
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human colon tissues using MUC2 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using MUC2 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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