

## MUC12 monoclonal antibody

Catalog: MB23183

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes an integral membrane glycoprotein that is a member of the mucin family. Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces and have been implicated in epithelial renewal and differentiation. These glycoproteins also play a role in intracellular signaling. This protein is expressed on the apical membrane surface of epithelial cells that line the mucosal surfaces of many different tissues including the colon, pancreas, prostate, and uterus. The expression of this gene is downregulated in colorectal cancer tissue.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

55.8kDa

### Swiss-Prot:

Q9UKN1

### 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

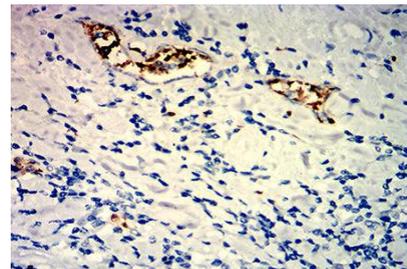
### Storage&Stability:

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

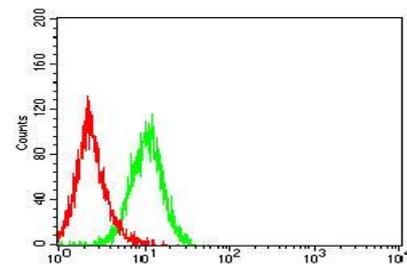
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using MUC12 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using MUC12 mouse mAb (green) and negative control (red).

### Note:

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

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