

## CEACAM5 monoclonal antibody

Catalog: MB23476

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

76.8kDa

### Swiss-Prot:

P06731

### 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:1/200-1/400

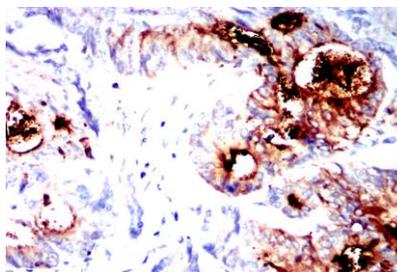
### Storage&Stability:

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 cancer tissues using CEACAM5 mouse mAb with DAB staining.

### Note:

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

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