

CEACAM6 monoclonal antibody

Catalog: MB23162

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

37.2kDa

Swiss-Prot:

P40199

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:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/25 - 1/100
FC:1/200 - 1/400

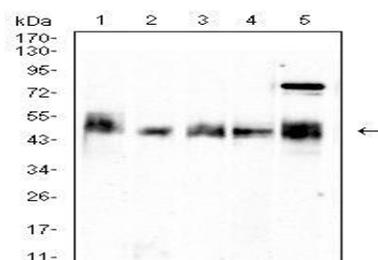
Storage&Stability:

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

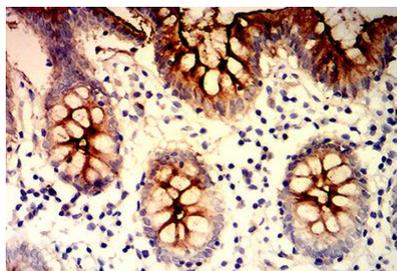
Isotype:

Mouse IgG1

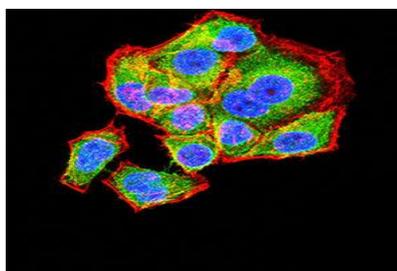
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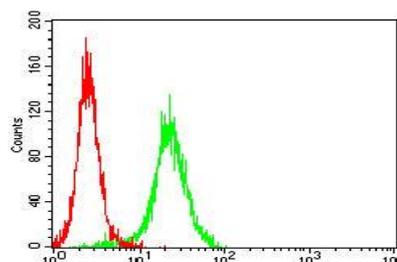
Western blot analysis using CEACAM6 mouse mAb against Jurkat (1), PC-12 (2), HEK293 (3), MG63 (4), and C2C12 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon tissues using CEACAM6 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using CEACAM6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of Jurkat cells using CEACAM6 mouse mAb (green) and negative control (red).

Note:

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

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