

CEA monoclonal antibody

Catalog: MB21423

Host: Mouse

Reactivity: Human

BackGround:

Carcino Embryonic Antigen (CEA) is synthesised during development in the fetal gut, and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. Antibodies to CEA are useful in identifying the origin of various metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60 to 70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+). The carcinoembryonic antigen (CEA) is a member of a large family of glycoproteins and a useful tumor marker for adenocarcinoma. Tissue specificity: Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

77kDa

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:

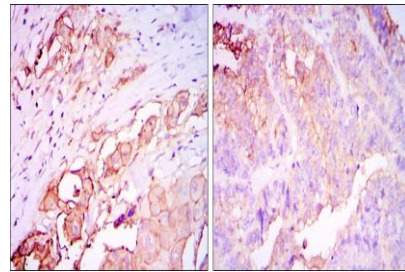
IHC:1/200 - 1/1000

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 rectum cancer tissues (left) and stomach cancer tissues (right) using CEA mouse mAb with DAB staining.

Note:

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

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