

Carcinoembryonic Antigen(CEA) Mouse Monoclonal Antibody

Catalog No: #38016

Package Size: #38016 100ul

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Description

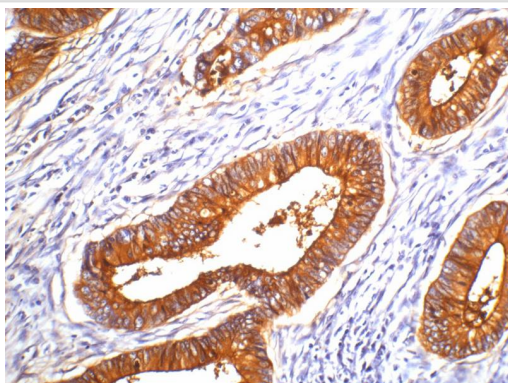
Product Name	Carcinoembryonic Antigen(CEA) Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	1.00E+02
Purification	Affinity purification using immunogen.
Applications	IHC,IF
Species Reactivity	Hu
Specificity	The EFHD1 Rabbit Polyclonal antibody detects endogenous EFHD1 proteins.
Conjugates	Unconjugated
Target Name	Carcinoembryonic Antigen(CEA)
Other Names	carcinoembryonic antigen SG8; CEA; pregnancy specific beta-1-glycoprotein 2
Accession No.	Swiss-Prot#:P11465
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

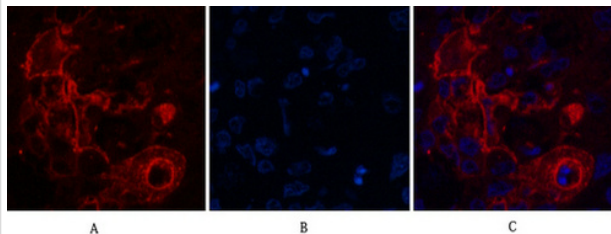
IHC dilution: 1:200

IF dilution:1:50-200

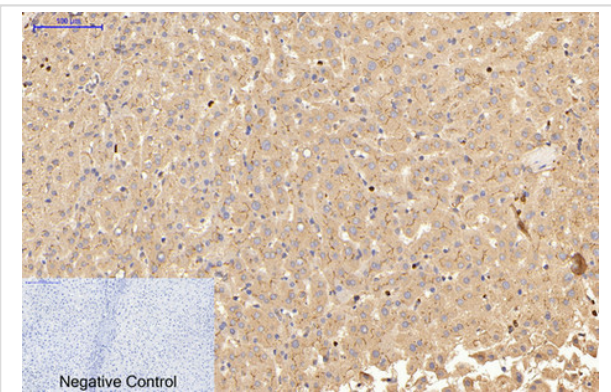
Images



IHC staining of human colon cancer tissue with CEA mouse mAb(10E1) diluted at 1:200.



Immunofluorescence analysis of Human-lung-cancer tissue. 1, Carcinoembryonic Antigen Monoclonal Antibody (10E1) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1, Carcinoembryonic Antigen Monoclonal Antibody (10E1) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20 min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.

Background

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+).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.