

Anti-CEA Mouse Monoclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E010110-01	50µl
E010110-02	100µl

Product Name	Anti-Carcino Embryonic Antigen Mouse Monoclonal Antibody
Product type	Primary Antibody
Application	WB IHC IF
Description	Mouse Monoclonal to CEA antibody
Immunogen	A synthetic peptide conjugated to KLH
Specificity	Human Mouse Rat

Background Information

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+)

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows: Western blot (1:1000-1:5,000), Immunofluorescence and Immunocytochemistry (1:200-1:800).

Host

Mouse

Clonality

Storage Buffer

1mg/ml in PBS, pH 7.4 with 0.02% sodium azide, 50% Glycerol.

Form

Liquid, 1mg/ml

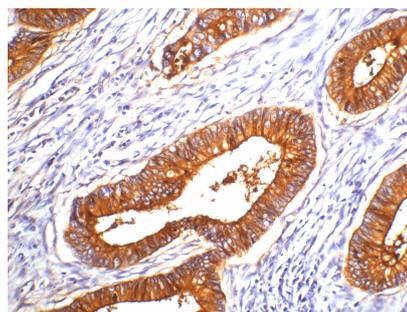
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of MCF7 cell lysate with CEA mouse mAb diluted at 1:1000.



1:200 dilution staining CEA by immunohistochemistry on paraffin-embedded human colon cancer tissue.