



ELK Biotechnology

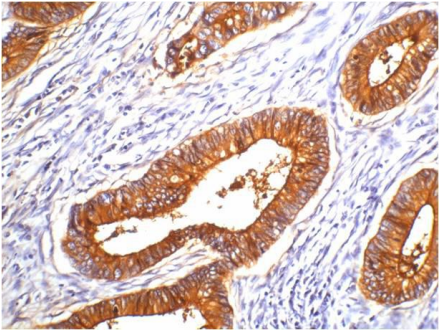
Carcinoembryonic Antigen/CEA Mouse mAb

Catalog NO.: EM1061

For research use only.

Overview

Product name	Carcinoembryonic Antigen/CEA Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	Immunohistochemistry:1/200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	113kDa
GeneID (Human)	1048
Human Swiss-Prot No.	P06731
Cellular localization	N/A
Alternative Names	Carcinoembryonic antigen CD66e CEACAM5 Meconium antigen00
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+).



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