

Carcinoembryonic Antigen (CEA) / CD66 Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone C66/195]
Catalog # AH11035

Product Information

Application	IF, FC, IHC-P
Primary Accession	P06731
Other Accession	1048 , 634 , 709196
Reactivity	Human, Monkey
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Clone Names	C66/195
Calculated MW	80 KDa

Additional Information

Other Names	Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, Meconium antigen 100, CD66e, CEACAM5, CEA
Application Note	IF~~1:50~200 FC~~1:10~50 IHC-P~~N/A
Storage	Store at 2 to 8°C. Antibody is stable for 24 months.
Precautions	Carcinoembryonic Antigen (CEA) / CD66 Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

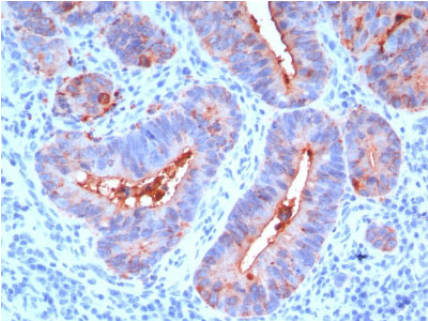
Background

This antibody recognizes proteins of 80-200kDa, identified as different members of CEA family. CEA is synthesized during development in the fetal gut and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. This MAb reacts with nonspecific cross-reacting antigen (NCA) and shows a cross-reaction with human polymorphonuclear leucocytes. It shows no reaction with a variety of normal tissues and is suitable for staining of formalin/paraffin tissues. CEA is not found in benign glands, stroma, or malignant prostatic cells. Antibody to CEA is useful in detecting early foci of gastric carcinoma and in distinguishing pulmonary adenocarcinomas (60-70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+). Anti-CEA positivity is seen in adenocarcinomas from the lung, colon, stomach, esophagus, pancreas, gallbladder, urachus, salivary gland, ovary, and endocervix. □

References

Muraro R, et. al. *Cancer Research*, 1985, 45:5769-80. | Siler K, et. al. *Biotechnology Therapeutics*, 1993, 4(3-4):163-81. | Robbins PF, et. al. *International Journal of Cancer*, 1993, 53(6):892-7

Images



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CEA Monoclonal Antibody (C66/195).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.