

CEA
Mouse Monoclonal Antibody (Mab)
Catalog # APA017**Specification**

CEA - Product Information

Application	IHC
Primary Accession	P06731
Host	Mouse
Clonality	Monoclonal
Calculated MW	76795 Da

CEA - Additional Information

Gene ID	1048
Gene Name	CEACAM5
Other Names	
Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, Meconium antigen 100, CD66e, CEACAM5, CEA	

Dilution

IHC~~1:100~500

Storage**Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.****Precautions****CEA is for research use only and not for use in diagnostic or therapeutic procedures.****CEA - Protein Information****Name** CEACAM5 ([HGNC:1817](#))**Synonyms**
Function**CEA**
Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:[2803308](#), PubMed:[10910050](#), PubMed:[10864933](#)). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:[2803308](#)). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed:[10910050](#)).
Cell membrane; Lipid-anchor, GPI-anchor.**Cellular Location**

Tissue Location

Apical cell membrane. Cell surface
Note=Localized to the apical glycocalyx surface
Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

CEA - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CEA - Images