

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

## Specification

---

### CEA - Product Information

Application	IHC
Primary Accession	<a href="#">P06731</a>
Host	Mouse
Clonality	Monoclonal
Calculated MW	76795 Da

### CEA - Additional Information

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

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

Synonyms	CEA
Function	Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed: <a href="#">2803308</a> , PubMed: <a href="#">10910050</a> , PubMed: <a href="#">10864933</a> ). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed: <a href="#">2803308</a> ). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed: <a href="#">10910050</a> ).
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Apical cell membrane. Cell surface Note=Localized to the apical glycocalyx surface

Tissue Location

**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**