

**Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III))  
Recombinant Antibody  
Catalog # APR10826**

**Specification**

---

**Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P06731</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

**Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) - Additional Information**

**Target/Specificity**  
CEACAM5 / CEA / CD66e

**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

**Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) - 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="http://www.uniprot.org/citations/10864933"

target="\_blank">10864933</a>, PubMed:<a href="http://www.uniprot.org/citations/10910050" target="\_blank">10910050</a>, PubMed:<a href="http://www.uniprot.org/citations/2803308" target="\_blank">2803308</a>). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:<a href="http://www.uniprot.org/citations/2803308" target="\_blank">2803308</a>). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed:<a href="http://www.uniprot.org/citations/10910050" target="\_blank">10910050</a>).

#### Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Apical cell membrane. Cell surface Note=Localized to the apical glycocalyx surface

#### Tissue Location

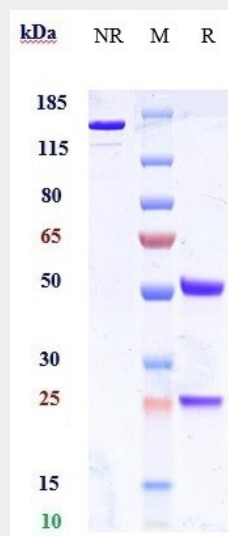
Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

### Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) - Protocols

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

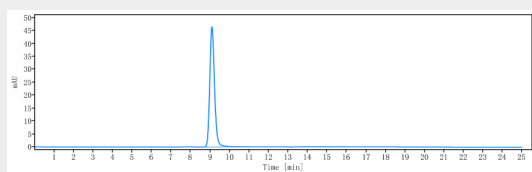
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) - Images



Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The

purity of the protein is greater than 90%



The purity of Anti-CEACAM5 / CEA / CD66e Reference Antibody (Immunomedics patent anti-CEACAM5 (Class III)) is more than 95% ,determined by SEC-HPLC.