

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

**Specification**

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

|                   |                            |
|-------------------|----------------------------|
| Application       | FC, Kinetics, Animal Model |
| 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.

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

**Name** CEACAM5 ([HGNC:1817](#))

**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

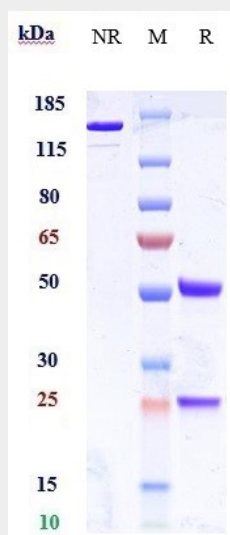
Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

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

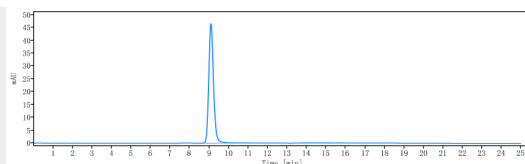
Provided below are standard protocols that you may find useful for product applications.

- [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.