

# Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab govitecan)

Recombinant Antibody Catalog # APR10827

## **Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	<u>P06731</u>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	76796

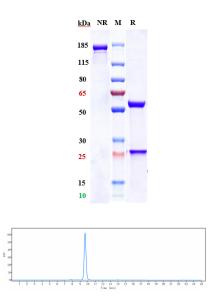
## **Additional Information**

Target/Specificity	CEACAM5 / CEA / CD66e
Endotoxin Conjugation	SN38
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

### **Protein Information**

Name	CEACAM5 ( <u>HGNC:1817</u> )
Function	Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed: <u>10864933</u> , PubMed: <u>10910050</u> , PubMed: <u>2803308</u> ). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed: <u>2803308</u> ). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed: <u>10910050</u> ).
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.

### Images



Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab govitecan) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

The purity of Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab govitecan)is more than 98.53% ,determined by SEC-HPLC.

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