

**Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab)
Recombinant Antibody
Catalog # APR10100****Specification****Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab) - Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	P06731
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.48 KDa

Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab) - 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 (labetuzumab) - Protein Information

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

Function
Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:10864933, PubMed:10910050, PubMed:2803308). 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).

Cellular Location

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

Tissue Location

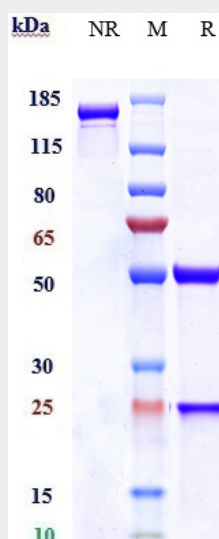
Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endoderally derived digestive system epithelium and fetal colon.

Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab) - Protocols

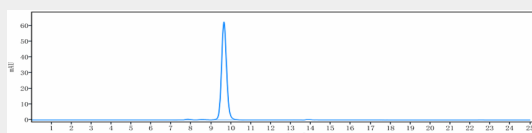
Provided below are standard protocols that you may find useful for product applications.

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

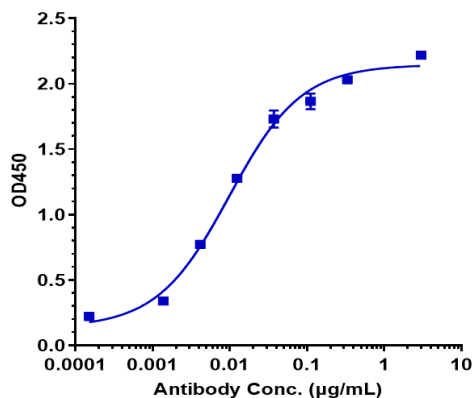
Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab) - Images



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



Immobilized human CEACAM5 His Biotin at 2 µg/mL can bind Anti-CEACAM5 / CEA / CD66e Reference Antibody (labetuzumab) $\square$ EC50=0.009815 µg/mL