

Anti-CEACAM5 / CEA / CD66e Reference Antibody (Shanghai Haikang patent anti-CEA)

Catalog # APR11171

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P06731
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	76796

Additional Information

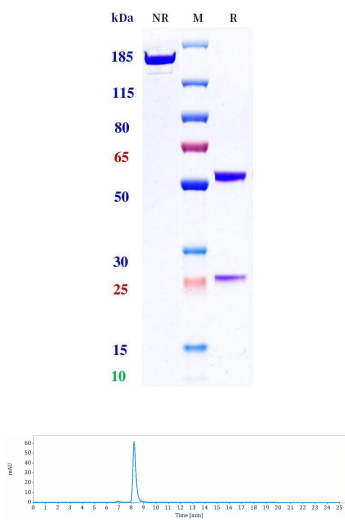
Target/Specificity	CEACAM5 / CEA / CD66e
Expression system	CHO

Protein Information

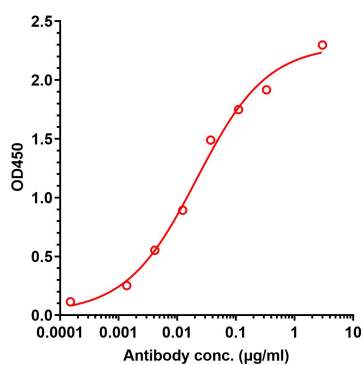
Name	CEACAM5 (HGNC:1817)
Function	Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed: 10864933 , PubMed: 10910050 , PubMed: 2803308). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion 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; Extracellular side. 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
(Shanghai Haikang patent anti-CEA) on SDS-PAGE under
reducing (R) condition. The purity of the protein is greater
than 95%.



The purity of Anti-CEACAM5 / CEA / CD66e Reference Antibody (Shanghai Haikang patent anti-CEA) is 98.8%, determined by SEC-HPLC.



Immobilized Hu-CEA-his at 2 µg/mL can bind Shanghai Haikang patent anti-CEA, EC₅₀=0.0214 µg/mL.

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