

Anti-CEACAM5 / CEA / CD66e Reference Antibody (tusamitamab)

Recombinant Antibody
Catalog # APR10102

Product Information

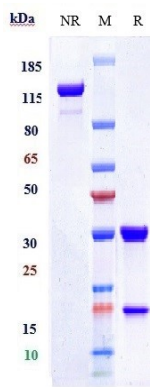
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|--------------------------|----------------------------|
| Application | FC, Kinetics, Animal Model |
| Primary Accession | P06731 |
| Reactivity | Human |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Calculated MW | 76796 |

Additional Information

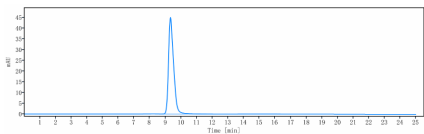
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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Target/Specificity | CEACAM5 / CEA / CD66e |
| Endotoxin Conjugation | Unconjugated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

Protein Information

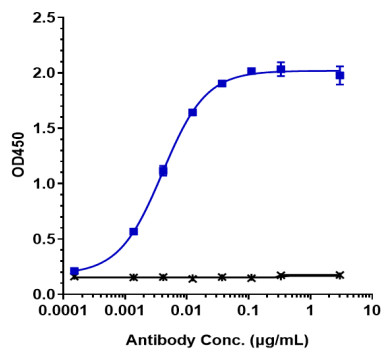
| | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 endodermally derived digestive system epithelium and fetal colon. |



Anti-CEACAM5 / CEA / CD66e Reference Antibody (tusamitamab) 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 (tusamitamab) is more than 95.93% ,determined by SEC-HPLC.



Immobilized human CEACAM5 His at 2 µg/mL can bind Anti-CEACAM5 / CEA / CD66e Reference Antibody (tusamitamab),EC50=0.00402 µg/mL

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