

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

Recombinant Antibody Catalog # APR10103

Product Information

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

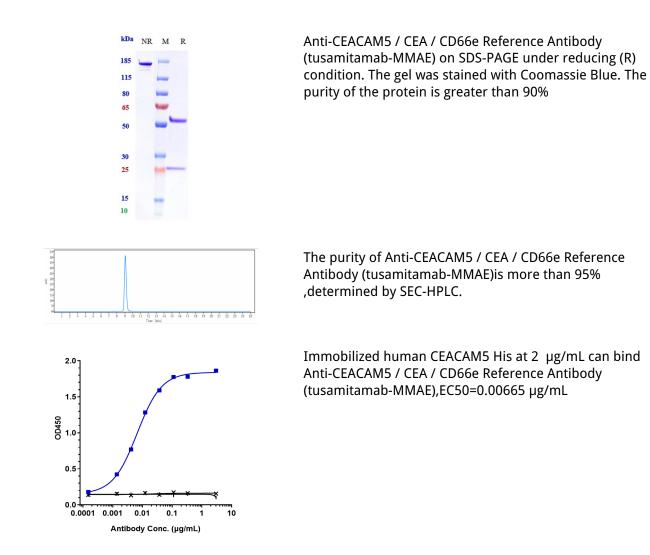
Additional Information

Target/Specificity	CEACAM5 / CEA / CD66e
Endotoxin Conjugation	MMAE
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



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