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Anti-TROP2 Reference Antibody (sacituzumab)

Recombinant Antibody
Catalog # APR10216

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P09758
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	35709

Additional Information

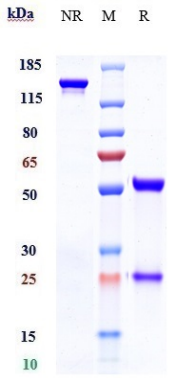
Target/Specificity	TROP2
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

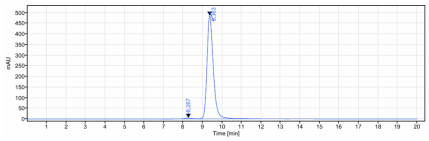
Protein Information

Name	TACSTD2
Synonyms	GA733-1, M1S1, TROP2
Function	May function as a growth factor receptor.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Placenta, pancreatic carcinoma cell lines.

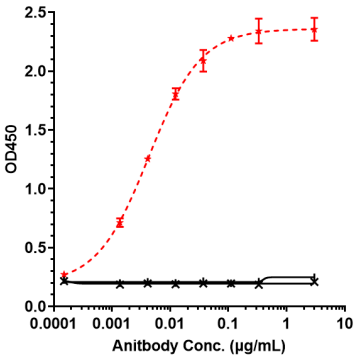
Images

Anti-TROP2 Reference Antibody (sacituzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

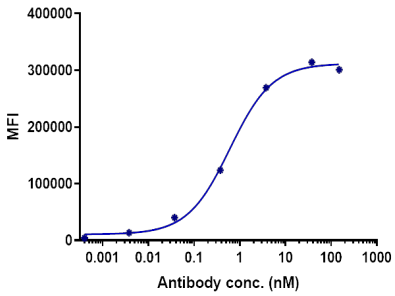




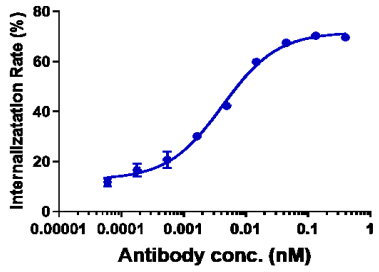
The purity of Anti-TROP2 Reference Antibody (sacituzumab) is 96.23%, determined by SEC-HPLC.



Immobilized human TROP2 His at 2 ug/mL can bind Anti-TROP2 Reference Antibody (sacituzumab), EC50=0.004316 ug/mL.



Human TROP2 HEK293 cells were stained with Anti-TROP2 Reference Antibody (sacituzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.4071 ug/mL.



The endocytosis ratio sacituzumab by human TROP2 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 70% at antibody concentration of 0.4 nM.

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