

Anti-TROP2 Reference Antibody (sacituzumab)
Recombinant Antibody
Catalog # APR10216**Specification**

Anti-TROP2 Reference Antibody (sacituzumab) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P09758
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.52 KDa

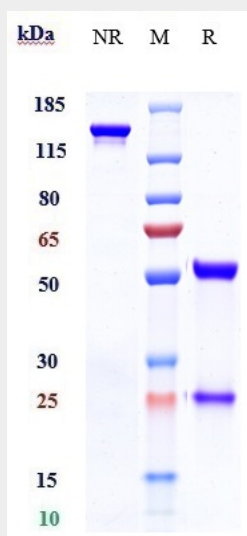
Anti-TROP2 Reference Antibody (sacituzumab) - Additional Information**Target/Specificity**
TROP2**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-TROP2 Reference Antibody (sacituzumab) - 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.

Anti-TROP2 Reference Antibody (sacituzumab) - Protocols

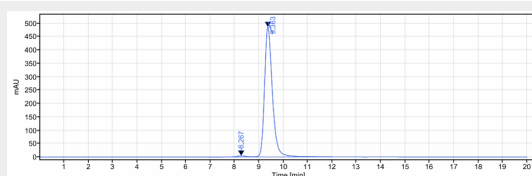
Provided below are standard protocols that you may find useful for product applications.

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

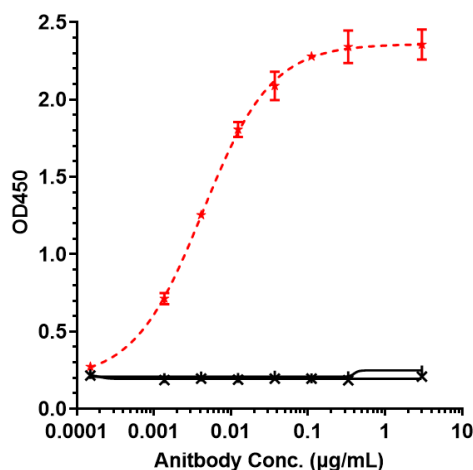
Anti-TROP2 Reference Antibody (sacituzumab) - Images



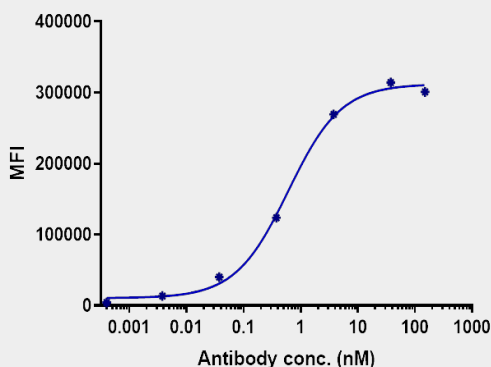
Anti-TROP2 Reference Antibody (sacituzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



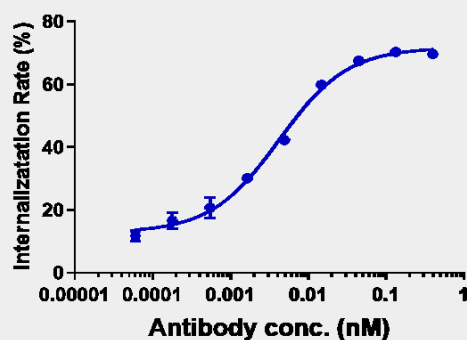
The purity of Anti-TROP2 Reference Antibody (sacituzumab) is more than 96.23% ,determined by SEC-HPLC.



Immobilized human TROP2 His at 2 µg/mL can bind Anti-TROP2 Reference Antibody (sacituzumab) $EC_{50}=0.004316$ µg/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, $EC_{276}=0.4071$ µg/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.