

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

**Specification**

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**Anti-TROP2 Reference Antibody (sacituzumab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P09758</a>
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.

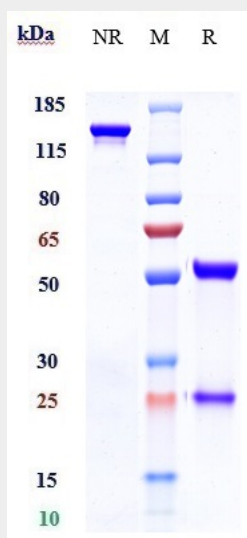
**Tissue Location**  
Placenta, pancreatic carcinoma cell lines.

## Anti-TROP2 Reference Antibody (sacituzumab) - Protocols

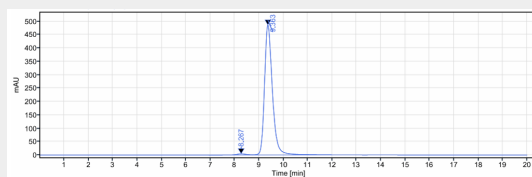
Provided below are standard protocols that you may find useful for product applications.

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

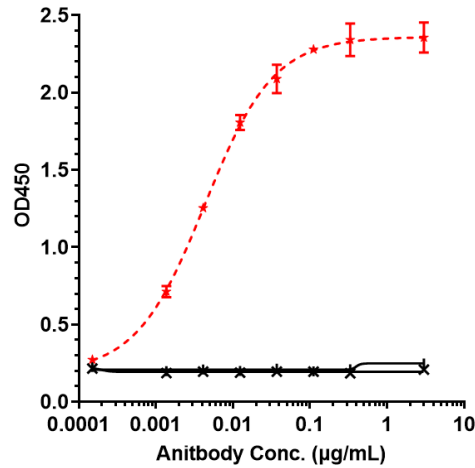
## Anti-TROP2 Reference Antibody (sacituzumab) - Images



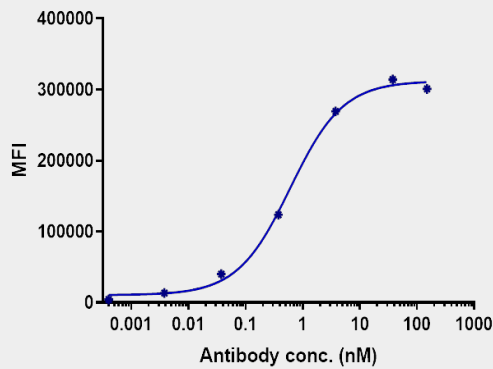
Anti-TROP2 Reference Antibody (sacituzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



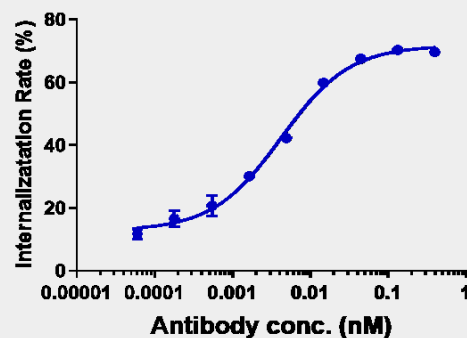
The purity of Anti-TROP2 Reference Antibody (sacituzumab) is more than 96.23% ,determined by SEC-HPLC.



Immobilized human TROP2 His at 2 µg/mL can bind Anti-TROP2 Reference Antibody (sacituzumab) □EC<sub>50</sub>=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<sub>276</sub>=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.