

# Anti-TROP2 Reference Antibody (Sacituzumab-MMAE)

Recombinant Antibody

Catalog # APR11066

## Product Information

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|--------------------------|----------------------------|
| <b>Application</b>       | FC, Kinetics, Animal Model |
| <b>Primary Accession</b> | <a href="#">P09758</a>     |
| <b>Reactivity</b>        | Human                      |
| <b>Clonality</b>         | Monoclonal                 |
| <b>Isotype</b>           | IgG1                       |
| <b>Calculated MW</b>     | 35709                      |

## Additional Information

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

## Protein Information

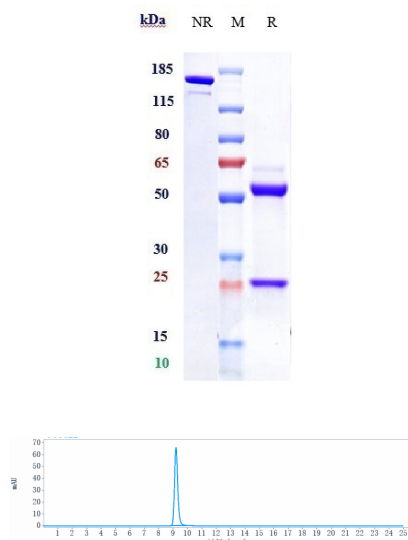
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|--------------------------|------------------------------------------------|
| <b>Name</b>              | TACSTD2                                        |
| <b>Synonyms</b>          | GA733-1, M1S1, TROP2                           |
| <b>Function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

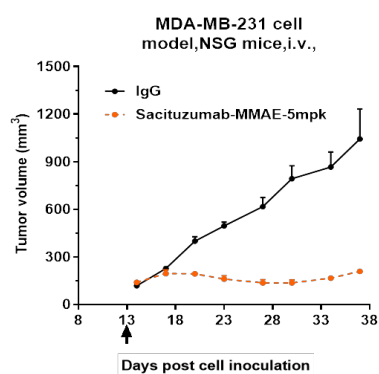
## Images

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Anti-TROP2 Reference Antibody (Sacituzumab-MMAE) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-TROP2 Reference Antibody (Sacituzumab-MMAE) is more than 95%, determined by SEC-HPLC.



Sacituzumab-ADC inhibited the tumor growth of MDA-MB-231 on NSG mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 80.0% at 5 mpk at D37.

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