

## Product Datasheet

### Anti-TROP2 Reference Antibody (Sacituzumab-MMAE) (orb1817421)

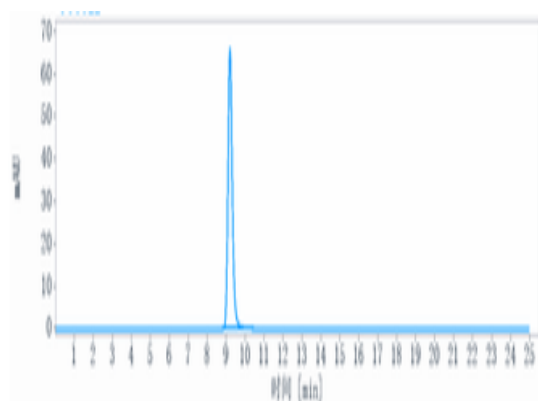
|                            |                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | orb1817421                                                                                                                             |
| <b>Description</b>         | Recombinant Antibody                                                                                                                   |
| <b>Reactivity</b>          | Human                                                                                                                                  |
| <b>Endotoxins</b>          | < 0.001EU/μg,determined by LAL method.                                                                                                 |
| <b>Conjugation</b>         | Unconjugated                                                                                                                           |
| <b>Tested Applications</b> | ELISA, FC                                                                                                                              |
| <b>Form/Appearance</b>     | Purified monoclonal antibody supplied in PBS, pH 6.0, without preservative.This antibody is purified through a protein A column.       |
| <b>Concentration</b>       | 1mg/ml                                                                                                                                 |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| <b>Note</b>                | For research use only                                                                                                                  |
| <b>Protein Sequence</b>    | TROP2                                                                                                                                  |
| <b>Isotype</b>             | IgG1                                                                                                                                   |
| <b>Clonality</b>           | Monoclonal                                                                                                                             |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                       |
| <b>MW</b>                  | 150 Da                                                                                                                                 |
| <b>Uniprot ID</b>          | <b>P09758</b>                                                                                                                          |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                        |

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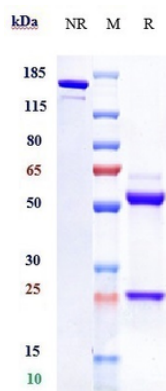
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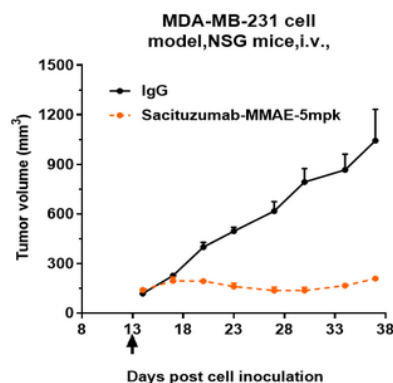
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The purity of Anti-TROP2 Reference Antibody (Sacituzumab-MMAE) is more than 95%, determined by SEC-HPLC.



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%



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

#### **Biorbyt Ltd.**

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