

## Product Datasheet

# Istiratumab Human Monoclonal Antibody (orb2978335)

|                             |                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb2978335                                                                                                                                                                                                                                                                                   |
| <b>Category</b>             | Antibodies                                                                                                                                                                                                                                                                                   |
| <b>Description</b>          | Istiratumabis a research-grade recombinant antibody targeting CD221. Produced in mammalian cells with native-like glycosylation. Highlights Research Grade: For PK/PD studies, assay development, and ADA research. Native Glycosylation: Mammalian expression ensures native-like patterns. |
| <b>Clonality</b>            | Monoclonal                                                                                                                                                                                                                                                                                   |
| <b>Species/Host</b>         | Human                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>              | IgG1-kappa-[scFv]2                                                                                                                                                                                                                                                                           |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                                                                                        |
| <b>Form/Appearance</b>      | Liquid                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>        | Lot dependent                                                                                                                                                                                                                                                                                |
| <b>Buffer/Preservatives</b> | 0.01M PBS, pH 7.4.                                                                                                                                                                                                                                                                           |
| <b>Purity</b>               | >95% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                       |
| <b>Purification</b>         | Protein A/G purified from cell culture supernatant.                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>           | <b>P21860, P08069</b>                                                                                                                                                                                                                                                                        |
| <b>Tested applications</b>  | ELISA, FA, FACS, In vivo                                                                                                                                                                                                                                                                     |

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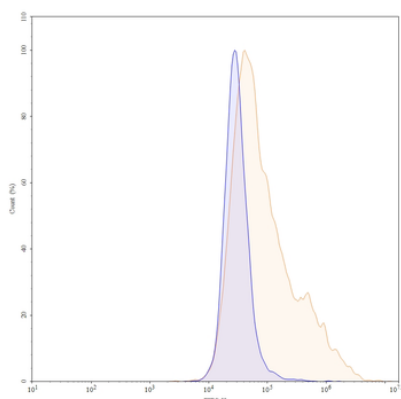
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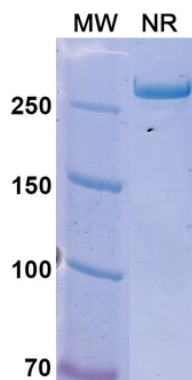
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|                          |                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antibody Type</b>     | Biosimilar Antibody                                                                                                                     |
| <b>Expression System</b> | Mammalian Cells                                                                                                                         |
| <b>Endotoxins</b>        | Please contact with the lab for this information.                                                                                       |
| <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>Expiration Date</b>   | 12 months from date of receipt.                                                                                                         |



Flow-cytometry using anti-human ERBB3 antibody. Untransfected cells (blue Histogram) and Transfected cells (Yellow Histogram) were stained with an anti-human ERBB3 monoclonal antibody (Catalog: orb2978335) at a concentration of 5 µg/mL for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Human IgG H&L Polyclonal Antibody, FITC and cells analysed on a NovoCyte Flow Cytometer.



SDS-PAGE for Research Grade Istiratumab.

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