

## Product Datasheet

# Cendakimab Biosimilar $\square$ Anti-IL-13 Reference Antibody $\square$ (orb2703833)

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>  | orb2703833                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>     | Cendakimab (RPC4046; ABT 308; CC-93538) is a selective, humanized, recombinant monoclonal antibody against the IL-13 molecule. Cendakimab has a high affinity and potency for both human wild-type and variant IL-13 and blocks binding of IL-13 to both IL-13R $\alpha$ 1 and IL-13R $\alpha$ 2 with IC50s of 352 pM and 631 pM by ELISA, respectively. Cendakimab recognizes both wild-type human IL-13 and the common polymorphic variant R110Q, with binding affinities of 52 and 50 pM, respectively. Cendakimab has the potential for IL-13-related allergic/inflammatory diseases (e.g., asthma and eosinophilic esophagitis). |
| <b>Conjugation</b>     | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target</b>          | Cendakimab Biosimilar $\square$ Anti-IL-13 Reference Antibody $\square$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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>Clonality</b>       | Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Antibody Type</b>   | Recombinant Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>CAS Number</b>      | [2151032-62-9]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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