

## Product Datasheet

### Ivonescimab Antibody (orb1980401)

|                        |                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>  | orb1980401                                                                                                                                                                                                                                                                                      |
| <b>Category</b>        | Antibodies                                                                                                                                                                                                                                                                                      |
| <b>Description</b>     | Ivonescimab (AK112) is a bispecific antibody targeting both PD-1 and VEGF, designed for cancer immunotherapy and anti-angiogenic therapy in NSCLC. It is utilized in preclinical research to investigate its mechanisms and efficacy in both in vitro cellular assays and in vivo tumor models. |
| <b>Target</b>          | PD-1/PD-L1,VEGFR                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>       | Recombinant                                                                                                                                                                                                                                                                                     |
| <b>Conjugation</b>     | Unconjugated                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>   | 9.55 mg/mL                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>          | >95.0% (May vary between batches)                                                                                                                                                                                                                                                               |
| <b>MW</b>              | 201.12 kDa                                                                                                                                                                                                                                                                                      |
| <b>Antibody Type</b>   | Inhibitor Antibody                                                                                                                                                                                                                                                                              |
| <b>Target Areas</b>    | PD-1/PD-L1 VEGFR                                                                                                                                                                                                                                                                                |
| <b>CAS Number</b>      | 2428381-53-5                                                                                                                                                                                                                                                                                    |
| <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.                                                                                                                                                                                                                                                                 |

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