

## Product Datasheet

### IL23A Biosimilar Antibody (orb1826924)

|                            |                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | orb1826924                                                                                                                                                                                       |
| <b>Category</b>            | Antibodies                                                                                                                                                                                       |
| <b>Description</b>         | Anti-IL23A(guselkumab biosimilar) mAb                                                                                                                                                            |
| <b>Target</b>              | IL23A                                                                                                                                                                                            |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                       |
| <b>Species/Host</b>        | Human Humanized                                                                                                                                                                                  |
| <b>Isotype</b>             | Human IgG1(E356D,M358L) - kappa                                                                                                                                                                  |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                     |
| <b>Reactivity</b>          | Human                                                                                                                                                                                            |
| <b>Reconstitution</b>      | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| <b>Purification</b>        | Purified from cell culture supernatant by affinity chromatography                                                                                                                                |
| <b>UniProt ID</b>          | <b>Q9NPF7</b>                                                                                                                                                                                    |
| <b>Tested applications</b> | ELISA                                                                                                                                                                                            |
| <b>Dilution range</b>      | ELISA 1:5000-10000                                                                                                                                                                               |
| <b>Antibody Type</b>       | Biosimilar Antibody                                                                                                                                                                              |
| <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.                                                          |

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

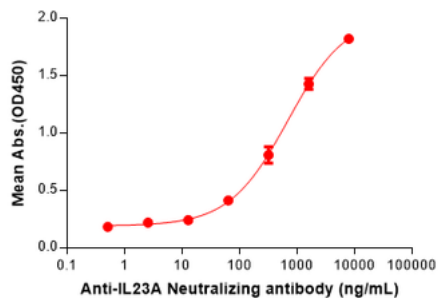
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Note** For research use only

**Expiration Date** 12 months from date of receipt.

**Anti-IL23A(guselkumab biosimilar) mAb ELISA**  
0.2 µg of Human IL23A, hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL23A Protein, hFc Tag (orb1743363) can bind Anti-IL23A (guselkumab biosimilar) mAb (orb1826924) in a linear range of 64–8000 ng/ml. In order to specifically detect orb1826924, mouse anti-human Fab-specific antibody was used as detection antibody.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)