

## Product Datasheet

### IL22 Biosimilar Antibody (orb1291213)

|                            |  |
|----------------------------|--|
| <b>Catalog Number</b>      | orb1291213   |
| <b>Category</b>            | Antibodies   |
| <b>Description</b>         | Anti-IL22(fezakinumab biosimilar) mAb  |
| <b>Target</b>              | IL22   |
| <b>Clonality</b>           | Monoclonal   |
| <b>Species/Host</b>        | Human  |
| <b>Isotype</b>             | Human IgG1 - Lambda2   |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Reactivity</b>          | Human  |
| <b>Form/Appearance</b>     | Powder   |
| <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>Q9GZX6</b>  |
| <b>Tested applications</b> | ELISA, FC  |
| <b>Dilution range</b>      | ELISA 1:5000-10000; Flow Cyt 1:100   |
| <b>Antibody Type</b>       | Biosimilar Antibody  |

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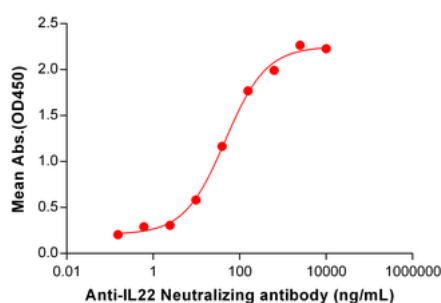
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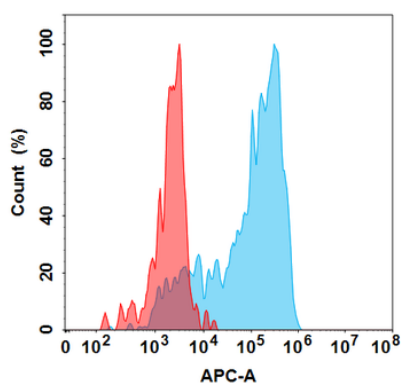
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|                        |   |
|------------------------|---|
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |

**Anti-IL22 (fezakinumab biosimilar) mAb ELISA**  
0.2 µg of Human IL22, hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL22 Protein, hFc Tag (orb1173813) can bind Anti-IL22 Neutralizing antibody (orb1291213) in a linear range of 2.44-625.00 ng/ml. In order to specifically detect orb1291213, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis under cell membrane permeable condition with 1 µg/mL Anti-IL22 (fezakinumab biosimilar) mAb (orb1291213) on Expi293 cells transfected with Human IL22 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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