

## Product Datasheet

### B7-H4 Biosimilar Antibody (orb1826898)

|                            |  |
|----------------------------|--|
| <b>Catalog Number</b>      | orb1826898   |
| <b>Category</b>            | Antibodies   |
| <b>Description</b>         | Anti-B7-H4(AZD-8205 biosimilar) mAb  |
| <b>Target</b>              | B7-H4  |
| <b>Clonality</b>           | Monoclonal   |
| <b>Species/Host</b>        | Human Humanized  |
| <b>Isotype</b>             | Human IgG1 - 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. |
| <b>Purification</b>        | Purified from cell culture supernatant by affinity chromatography  |
| <b>UniProt ID</b>          | <b>Q7Z7D3</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  |
| <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.  |

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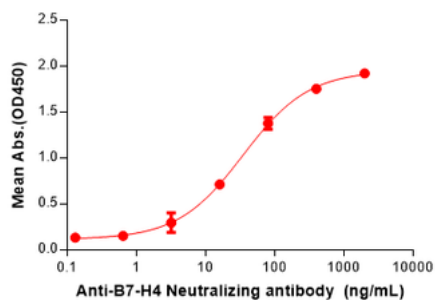
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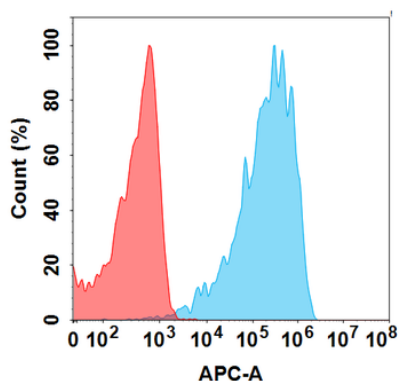
**Note** For research use only

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

**Anti-B7-H4(AZD-8205 biosimilar) mAb ELISA**  
0.2 µg of Human B7-H4, hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human B7-H4 Protein, hFc Tag (orb757460) can bind Anti-B7-H4 (AZD-8205 biosimilar) mAb (orb1826898) in a linear range of 3.20–80 ng/ml. In order to specifically detect orb1826898, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis with 1 µg/mL Anti-B7-H4 (AZD-8205 biosimilar) mAb (orb1826898) on Expi293 cells transfected with Human B7-H4 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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