

## Product Datasheet

### EGFR Biosimilar Antibody (orb2321719)

<b>Catalog Number</b>	orb2321719
<b>Category</b>	Antibodies
<b>Description</b>	Anti-EGFR(depatuxizumab biosimilar) mAb
<b>Target</b>	EGFR
<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>P00533</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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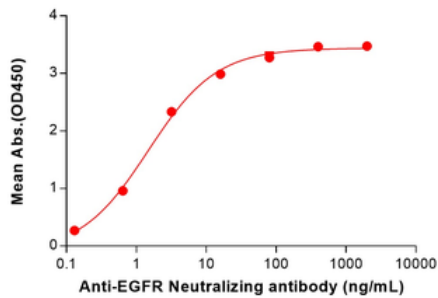
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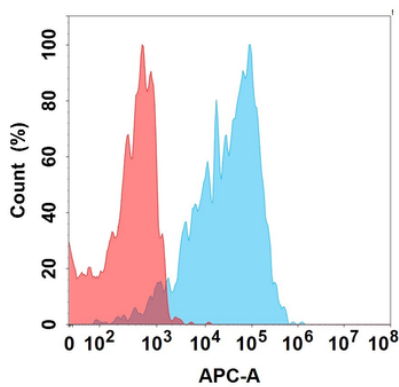
**Note** For research use only

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

**Anti-EGFR(depatuxizumab biosimilar) mAb ELISA**  
0.2 µg of Human EGFR, His tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human EGFR Protein, His Tag (orb689439) can bind Anti-EGFR (depatuxizumab biosimilar) mAb (orb2321719) in a linear range of 0.13–16 ng/ml.



Flow cytometry analysis with 15 µg/mL Anti-EGFR (depatuxizumab biosimilar) mAb (orb2321719) on Expi293 cells transfected with Human EGFR protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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