

PRODUCT INFORMATION

Common Name	ABT-806
Conjugate	Unconjugated
Synonyms	ERBB; ERBB1; HER1
Applications	ELISA
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000
Formulation & Reconstitution	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.
Host Species	Humanized
IgG type	Human IgG1(E356D,M358L) - kappa
Reactivity	Human
Target	EGFR
Uniprot ID	P00533
Description	Anti-EGFR(depatuxizumab biosimilar) mAb
Delivery	In Stock
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-EGFR(depatuxizumab biosimilar) mAb ELISA

0.2 μ g of Human EGFR, His tagged protein per well

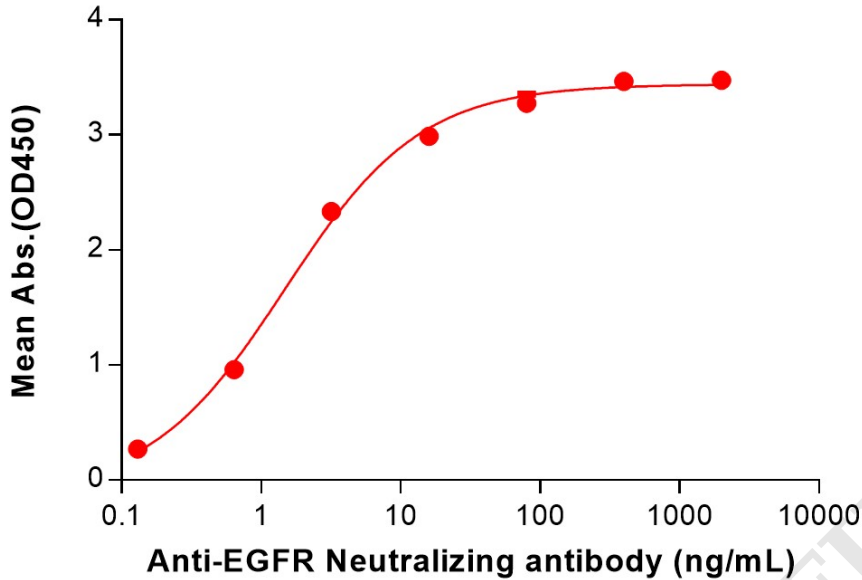


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human EGFR Protein, His Tag (PME100099) can bind Anti-EGFR(depatuxizumab biosimilar) mAb (BME100252) in a linear range of 0.13–16 ng/mL.

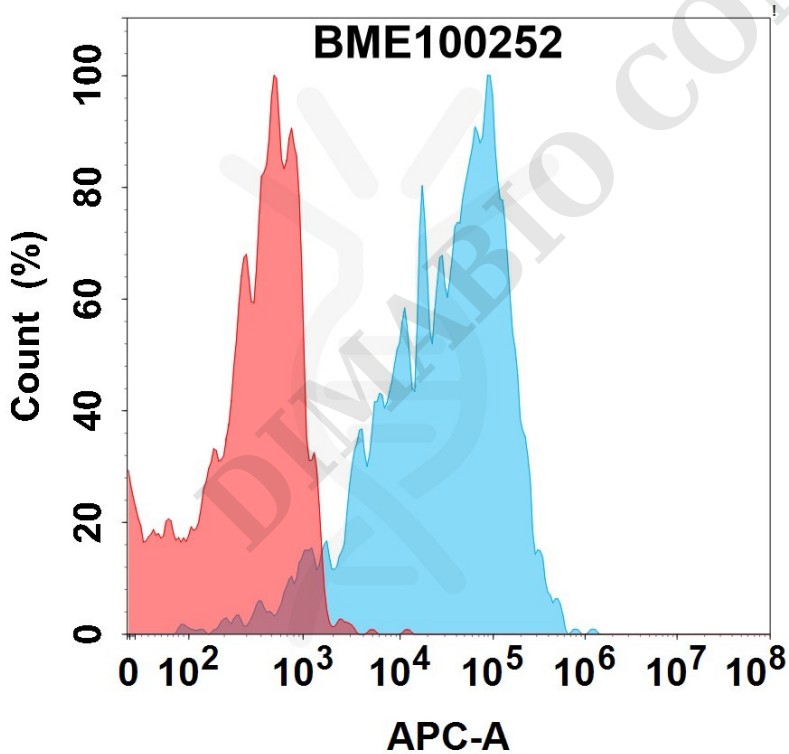


Figure 2. Flow cytometry analysis with 15 μ g/mL Anti-EGFR(depatuxizumab biosimilar) mAb (BME100252) on HEK293 cells transfected with Human EGFR protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



Anti-EGFR(depatuxizumab biosimilar) mAb ELISA

0.2 μ g of Human EGFR(313-445), hFc tagged protein per well

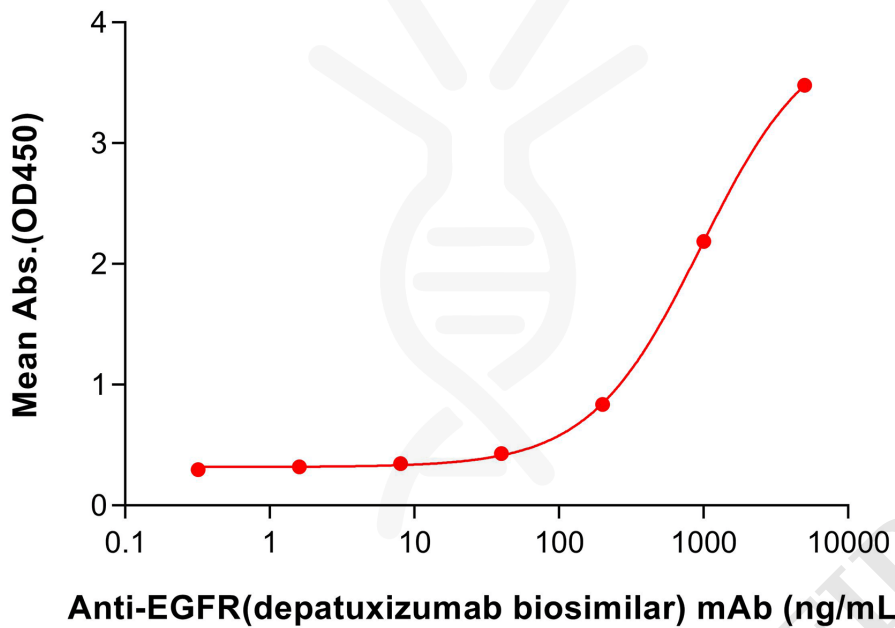


Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human EGFR(313-445) Protein, hFc Tag (PME101867) can bind Anti-EGFR(depatuxizumab biosimilar) mAb (BME100252) in a linear range of 200–1000 ng/mL. In order to specifically detect BME100252, mouse anti-human Fab-specific antibody was used as detection antibody.

