

# Depatuxizumab Biosimilar - Research Grade

**Product Code:** ICH5294

**More Information**

**Species Reactivity:** Human

**Target:** EGFR

**Concentration:** 5mg/ml

**Isotype:** Human IgG1 (E356D/M358L)

**Host:** CHO Cells

**product name H2:** Depatuxizumab Biosimilar - Research Grade

**Sequence:** <https://www.imgt.org/mAb-DB/>

**Buffer:** ICH3002

**UniProt:** P00533;P00533;Q01279;Q01279;P00533

**Shipping Conditions:** Blue ice

**background:** The epidermal growth factor receptor (EGFR) is a receptor tyrosine kinase that drives proliferation and survival signalling and is a heavily studied oncogenic target. This anti-human EGFR recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of depatuxizumab, intended strictly for research use only. Manufactured to demanding in vivo standards with a low-endotoxin formulation, it is supplied in scalable milligram (mg) to gram (g) quantities to serve bulk and high-throughput laboratories. It functions as a consistent control and active reagent in receptor-signalling assays, in vitro functional screening, ADCC studies, and in vivo tumour models.

**Other names:** ABT-806;epidermal growth factor receptor, receptor tyrosine-protein kinase erbB-1, ERBB1, HER1, HER-1, ERBB



**Specificity:** Detects human EGFR

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >95% by SDS-PAGE

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

**Applications:** Functional Assays

**Application Notes:** This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.