

# Adecatumumab Biosimilar - Research Grade

**Product Code:** ICH5328

**More Information**

**Species Reactivity:** Human

**Target:** EPCAM

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P16422;P16422;O55159;Q99JW5;Q99JW5

**Shipping Conditions:** Blue ice

**background:** EpCAM (epithelial cell adhesion molecule) is a transmembrane glycoprotein over-expressed on many carcinomas and a widely studied epithelial tumour antigen. Our research-grade anti-human EpCAM recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of adecatumumab for research use only (RUO). Manufactured to in vivo standards and purified to low endotoxin, it is available in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It is suited to antigen-binding assays, in vitro functional screening, ADCC investigations, and in vivo oncology models, offering reproducible, lot-to-lot consistent performance.

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

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



**Purity:** >90% 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.

**Delivery Time:** 3-4 weeks