

# Tusamitamab Ravtansine Biosimilar - Research Grade

**Product Code:** ICH5040R

**More Information**

**Species Reactivity:** Human

**Target:** CEACAM5 / CEA / CD66e

**Concentration:** 1mg/ml

**Isotype:** IgG1

**Host:** CHO Cells

**product name H2:** Tusamitamab Ravtansine Biosimilar - Research Grade

**UniProt:** P06731

**Shipping Conditions:** Room Temp

**background:** CEACAM5 (CEA, CD66e) is a carcinoembryonic antigen widely used for targeted delivery to epithelial tumours in oncology research. This research-grade reagent is an unconjugated, non-therapeutic ravnansine-format analog directed at human CEACAM5, supplied as a defined tool for antibody-drug conjugate studies and validated for functional assays. It is intended for research use only, formulated to a low-endotoxin standard suitable for in vivo work, and produced in scalable milligram to gram quantities for high-throughput laboratories. Typical applications include internalisation and payload-delivery assays, in vitro cytotoxicity screening, in vivo tumour models, and ADC development.

**Other names:** DM4

**Formulation:** 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

**Purity:** >90% by SDS-PAGE



**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:** Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.

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

**Delivery Time:** 1 week