

# Carotuximab Vedotin Biosimilar - Research Grade

**Product Code:** ICH5428V

**More Information**

**Species Reactivity:** Human

**Target:** Endoglin / CD105

**Concentration:** 1mg/ml

**Isotype:** IgG1

**Host:** CHO Cells

**product name H2:** Carotuximab Vedotin Biosimilar - Research Grade

**UniProt:** P17813

**Shipping Conditions:** Room Temp

**background:** Endoglin (CD105) is a TGF-beta co-receptor on activated endothelial cells that supports angiogenesis and tumor vascularization, a focus of vascular and oncology research. This reagent is an unconjugated, non-therapeutic research analog of carotuximab vedotin (the vedotin-class antibody-drug conjugate), here supplied as the unconjugated human IgG1 antibody backbone for research use only (RUO); no payload is attached. It is formulated low in endotoxin to in vivo standards and manufactured in scalable milligram-to-gram quantities for high-throughput laboratories. It supports functional assays, endoglin-binding and internalization studies, in vitro screening and ADC development reference work in tumor-vasculature models.

**Other names:** MMAE

**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