

Carotuximab Biosimilar - Research Grade

Product Code: ICH5428

More Information

Species Reactivity: Human

Target: ENG α 1/2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Carotuximab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P17813

Shipping Conditions: Blue ice

background: Endoglin (ENG/CD105) is a TGF-beta co-receptor expressed on proliferating endothelium and a key marker in angiogenesis and tumor-vasculature research. This product is an unconjugated, non-therapeutic analog of carotuximab, a human IgG1-kappa recombinant antibody for research use only. It is supplied with low endotoxin to in vivo-grade standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. Applications include functional and binding assays, endothelial-cell and angiogenesis studies, in vitro screening and preclinical tumor models examining endoglin-dependent vascular biology. The ultra-pure, low-endotoxin material is offered at milligram-to-gram scale, giving high-throughput labs consistent performance across every lot.

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: ≤ 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