

Demcizumab Biosimilar - Research Grade

Product Code: ICH5472

More Information

Species Reactivity: Human

Target: DLL4 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG2 - kappa

Host: CHO Cells

product name H2: Demcizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q9NR61

Shipping Conditions: Blue ice

background: Delta-like ligand 4 (DLL4) is a Notch-pathway ligand that regulates angiogenesis and vascular sprouting, a focus of developmental and tumor-vasculature research. Offered as an unconjugated, non-therapeutic analog of demcizumab, this human IgG2-kappa recombinant antibody is intended for research use only (RUO). It is provided in a low-endotoxin, in vivo-suitable format and manufactured in scalable milligram-to-gram quantities for high-throughput laboratories. The antibody supports functional and ligand-blockade assays, Notch-signaling and angiogenesis studies, in vitro screening and preclinical tumor models examining DLL4 activity. Its low-endotoxin, in vivo-grade formulation and scalable milligram-to-gram supply make it dependable for repeat, high-volume experimentation.

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