

Calotatug Biosimilar - Research Grade

Product Code: ICH5421

More Information

Species Reactivity: Human

Target: ERBB2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Calotatug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P04626;P04626;P70424

Shipping Conditions: Blue ice

background: ERBB2 (HER2) is a receptor tyrosine kinase that amplifies growth signaling and is one of the most validated oncology targets in research. Offered as an unconjugated, non-therapeutic analog of calotatug, this human IgG1-kappa recombinant antibody is intended for research use only (RUO). It is provided low in endotoxin to in vivo standards and manufactured in scalable milligram-to-gram quantities for heavy-usage, high-throughput laboratories. The antibody supports functional assays, receptor-blockade and signaling studies, ADCC analysis, ADC development work, in vitro screening and preclinical tumor models examining HER2 biology.

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