

Ersodetug Biosimilar - Research Grade

Product Code: ICH5532

More Information

Species Reactivity: Human

Target: INSR α 1/2

Concentration: 5mg/ml

Isotype: IgG2 - kappa

Host: CHO Cells

product name H2: Ersodetug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P06213

Shipping Conditions: Blue ice

background: The insulin receptor (INSR) is a tyrosine-kinase receptor central to glucose homeostasis and metabolic signaling. Targeting INSR, this research-grade anti-human recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of ersodetug provided strictly for research use only (RUO). It is manufactured to exacting in vivo standards as an ultra-pure, low-endotoxin formulation and supplied in scalable milligram (mg) to gram (g) quantities to meet the demands of heavy-usage, high-throughput laboratories. Suitable applications include receptor-binding and signaling-modulation assays, in vitro metabolic screening, in vivo disease models of hyperinsulinemia and dysregulated insulin signaling, and biologics characterization as a dependable reference reagent.

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