

Opelkibart Biosimilar - Research Grade

Product Code: ICH5737

More Information

Species Reactivity: Human

Target: KIT α

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Opelkibart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P10721

Shipping Conditions: Blue ice

background: KIT (CD117) is a receptor tyrosine kinase that drives proliferation in mast cells, hematopoietic progenitors, and several malignancies. This research-grade human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of opelkibart, generated in CHO cells against human KIT. For research use only, it is purified to low endotoxin for in vivo compatibility and supplied in scalable milligram (mg) to gram (g) quantities for high-throughput, heavy-usage laboratories. Researchers use it in receptor-signaling studies, functional blocking assays, in vitro screening, and preclinical models of KIT-dependent disease. The format is optimized for reproducible results across high-volume study designs.

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

ichor.bio // hello@ichor.bio

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

ichorbio, ichorbio logo and all other trademarks are the property of ichorbio LTD © ichorbio

2026



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