

Benralizumab Biosimilar - Research Grade

Product Code: ICH5313

More Information

Species Reactivity: Human

Target: IL-5RA

Concentration: 5mg/ml

Isotype: Human IgG1 (E356D/M358L)-kappa

Host: CHO Cells

product name H2: Benralizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q01344

Shipping Conditions: Blue ice

background: The IL-5 receptor alpha subunit (IL-5RA) governs eosinophil responsiveness to IL-5 and is a key target in eosinophilic asthma and inflammation research. Our research-grade anti-human IL-5RA recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of benralizumab for research use only (RUO). Manufactured to in vivo standards and purified to low endotoxin, it is available in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. It is suited to receptor-binding assays, in vitro functional screening, ADCC investigations, and in vivo eosinophilic inflammation models as a reproducible reagent.

Other names: BIW-8405, KHK4563, MEDI-563, interleukin 5 receptor subunit alpha, CD125

Specificity: Detects human IL-5RA



Purification Method: This monoclonal antibody was purified using Protein A

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% 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.