

Plozalizumab Biosimilar - Research Grade

Product Code: ICH5778

More Information

Species Reactivity: Human

Target: CCR2 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Plozalizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P41597

Shipping Conditions: Blue ice

background: CCR2 is a chemokine receptor that directs monocyte recruitment in inflammation and tumor biology. This recombinant human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of plozalizumab, generated in CHO cells against human CCR2. Released for research use only, it is purified to low endotoxin for in vivo compatibility and produced in scalable milligram (mg) to gram (g) quantities for high-throughput, heavy-usage laboratories. It serves as a dependable reagent for chemokine-blockade assays, monocyte-migration studies, functional characterization, and preclinical models of inflammatory and tumor-associated recruitment. Its reproducible quality supports demanding workflows that consume reagent at scale.



Other names: CC-CKR-2, CCR-2, CCR2A, CCR2B, CD192, CKR2, CKR2A, CKR2B, CMKBR2, MCP-1-R, C-C motif chemokine receptor 2

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