

Cepeprubart Biosimilar - Research Grade

Product Code: ICH5433

More Information

Species Reactivity: Human

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

Concentration: 5mg/ml

Isotype: IgG2 - kappa

Host: CHO Cells

product name H2: Cepeprubart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q14242

Shipping Conditions: Blue ice

background: P-selectin glycoprotein ligand-1 (SELPLG/PSGL-1) mediates leukocyte rolling and adhesion and is studied in inflammation, thrombosis and immune-checkpoint research. This reagent is an unconjugated, non-therapeutic analog of cepeprubart, a human IgG2-kappa recombinant antibody supplied for research use only. It is an ultra-pure, low-endotoxin preparation built to in vivo standards and manufactured in scalable milligram-to-gram quantities for bulk and high-throughput laboratories. It supports functional and adhesion assays, leukocyte-trafficking studies, in vitro screening and preclinical inflammation models examining PSGL-1 biology, with reliable lot-to-lot performance. Manufactured in scalable milligram-to-gram quantities with low endotoxin, it delivers the lot-to-lot reproducibility that heavy-usage laboratories rely on.

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