

# Crizanlizumab Biosimilar - Research Grade

**Product Code:** ICH5300

**More Information**

**Species Reactivity:** Human

**Target:** SELP

**Concentration:** 5mg/ml

**Isotype:** Human IgG2 (P189T/V282M/K322A/S378A)-kappa

**Host:** CHO Cells

**product name H2:** Crizanlizumab Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** P16109

**Shipping Conditions:** Blue ice

**background:** P-selectin (SELP) is a cell-adhesion molecule that mediates leukocyte and platelet rolling and is studied across inflammation, thrombosis, and vaso-occlusive disease. Offered as an unconjugated, non-therapeutic analog of crizanlizumab, this research-grade anti-human P-selectin recombinant monoclonal antibody is for research use only (RUO). It is manufactured to in vivo standards, formulated for low endotoxin, and supplied in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. Applications include adhesion-blocking assays, in vitro functional screening, and in vivo inflammation and thrombosis models requiring a reproducible reagent.

**Other names:** SelG1,SEG101,selectin P, CD62

**Specificity:** Detects human SELP



**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:**  $\leq 1.0$  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.