

Epacmarstobart Biosimilar - Research Grade

Product Code: ICH5529

More Information

Species Reactivity: Human

Target: SIRPα^{1/2}

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Epacmarstobart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P78324

Shipping Conditions: Blue ice

background: SIRPα (SIRPA) is a myeloid inhibitory receptor that binds CD47 to deliver a dominant 'don't eat me' signal regulating macrophage phagocytosis. This research-grade anti-human SIRPA recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of epacmarstobart intended for research use only (RUO). Manufactured to stringent in vivo standards, the ultra-pure, low-endotoxin material is available in scalable milligram (mg) to gram (g) quantities to support heavy-usage and high-throughput laboratories. It is well suited to CD47-SIRPα blocking and neutralization assays, in vitro phagocytosis screening, in vivo tumor immunology models, and biologics characterization, functioning as a reliable reference control.

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