

Lumistobart Biosimilar - Research Grade

Product Code: ICH5659

More Information

Species Reactivity: Human

Target: SIRPα^{1/2}

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Lumistobart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P78324

Shipping Conditions: Blue ice

background: SIRP-alpha forms part of the myeloid 'don't eat me' checkpoint axis with CD47 and is a focal point of innate-immune and cancer immunotherapy research. Presented as an unconjugated, non-therapeutic analog of lumistobart, this human anti-SIRPA recombinant antibody (IgG1, kappa) is for research use only (RUO). The formulation is low in endotoxin to enable in vivo applications and is produced in scalable milligram to gram batches that satisfy high-throughput and heavy-consumption laboratories. Researchers can use it as a control or active tool for phagocytosis and checkpoint-blockade assays, in vitro screening, and preclinical in vivo immuno-oncology models.

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