

Siplizumab Biosimilar - Research Grade

Product Code: ICH5867

More Information

Species Reactivity: Human

Target: CD28½

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Siplizumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P06729

Shipping Conditions: Blue ice

background: CD2 is an adhesion and costimulatory receptor on T and NK cells that contributes to immune-synapse formation and T-cell activation. The reagent here is a non-therapeutic, unconjugated analog of siplizumab, a recombinant anti-CD2 monoclonal antibody intended for research use only. It is manufactured to in vivo standards in a low-endotoxin format and offered in scalable milligram to gram quantities for heavy-usage laboratories. Researchers apply it in T-cell modulation and depletion functional assays, in vitro immunophenotyping screens, and in vivo models of transplantation tolerance and autoimmunity. Uniform, reproducible material supports robust experimental design at research scale.

Other names: LFA-2, SRBC, T11, CD2 molecule

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