

Apitegromab Biosimilar - Research Grade

Product Code: ICH5228

More Information

Species Reactivity: Human

Target: pro-MSTN

Concentration: 5mg/ml

Isotype: IgG4 - lambda

Host: CHO Cells

product name H2: Apitegromab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: O14793

Shipping Conditions: Blue ice

background: Pro-myostatin (pro-MSTN) is the latent precursor of a negative regulator of muscle mass, and its modulation is studied across neuromuscular and metabolic research. This recombinant anti-pro-MSTN monoclonal is an unconjugated, non-therapeutic analog of apitegromab, supplied for research use only (RUO). It is manufactured to in vivo standards, carries low endotoxin, and is offered in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Use it in functional assays, latent-myostatin-binding and activation studies, reproducible controls, and in vivo models of muscle biology, with the consistency required for sustained, high-volume research.

Specificity: Detects human pro-MSTN

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: ≤ 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: 4 weeks