

Mitumomab Biosimilar - Research Grade

Product Code: ICH5690

More Information

Species Reactivity: Human

Target: ganglioside GD3 [Homo sapiens]

Concentration: 5mg/ml

Isotype: IgG2b - kappa

Host: CHO Cells

product name H2: Mitumomab Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Ganglioside GD3 is a sialic-acid-rich glycolipid enriched on melanoma and other neuroectodermal tumors, where it modulates adhesion and signaling and serves as a long-studied cancer antigen. This reagent is an unconjugated, non-therapeutic analog of mitumomab, a recombinant IgG2b kappa antibody recognizing GD3 in human samples and intended for research use only (RUO). Its low-endotoxin formulation makes it appropriate for in vivo studies, and it is produced in scalable milligram (mg) to gram (g) quantities to sustain high-throughput, heavy-usage workflows. Applications include anti-glycolipid binding and functional assays, in vitro screening, and preclinical tumor 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