

Sigvotatug Biosimilar - Research Grade

Product Code: ICH5862

More Information

Species Reactivity: Human

Target: ITGB6 α β

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Sigvotatug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P18564

Shipping Conditions: Blue ice

background: Integrin beta-6 (ITGB6) pairs with the alpha-v subunit to activate TGF-beta and promote epithelial remodeling, with roles in fibrosis and carcinoma research. This is a non-therapeutic, unconjugated analog of sigvotatug, a recombinant monoclonal antibody against ITGB6, supplied for research use only. It is manufactured to in vivo standards with low endotoxin and offered in scalable milligram to gram quantities to serve bulk and high-throughput laboratories. Applications include integrin-binding functional assays, in vitro adhesion and signaling screens, and in vivo models of fibrosis and tumor progression. Lot-to-lot reproducibility and ample availability make it well suited to extended, high-volume research efforts.

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