

Vilastobart Biosimilar - Research Grade

Product Code: ICH5979

More Information

Species Reactivity: Human

Target: CTLA4 α 1/2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Vilastobart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P09793;P16410

Shipping Conditions: Blue ice

background: CTLA-4 is a critical co-inhibitory checkpoint that limits T-cell priming and stands among the most investigated targets in immuno-oncology research. This recombinant human IgG1 antibody is an unconjugated, non-therapeutic analog of vilastobart directed against CTLA-4 and is supplied for research use only (RUO). It is purified to a low-endotoxin standard appropriate for in vivo studies and manufactured in scalable milligram-to-gram quantities to support heavy-usage and high-throughput laboratories. Investigators apply it as a checkpoint-blockade control and functional reagent across in vitro T-cell activation assays, ADCC studies, and preclinical tumor immunotherapy 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

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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