

Emiltatug Biosimilar - Research Grade

Product Code: ICH5519

More Information

Species Reactivity: Human

Target: VTCN1 $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Emiltatug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q7Z7D3

Shipping Conditions: Blue ice

background: B7-H4 (VTCN1) is an immune checkpoint ligand frequently overexpressed on tumor cells, where it dampens T-cell responses and supports immune evasion. This research-grade anti-human VTCN1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of emiltatug intended strictly for research use only (RUO). Produced to demanding in vivo standards as an ultra-pure, low-endotoxin preparation, it is offered in scalable milligram (mg) to gram (g) quantities to sustain heavy-usage, high-throughput laboratories. Typical applications include checkpoint-blockade studies, in vitro receptor-ligand screening, ADCC investigations, and in vivo tumor immunology models, alongside use as a consistent reference control for biologics characterization.

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