

# Vobramitamab Biosimilar - Research Grade

**Product Code:** ICH5985

**More Information**

**Species Reactivity:** Human

**Target:** CD276

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

**product name H2:** Vobramitamab Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** Q5ZPR3

**Shipping Conditions:** Blue ice

**background:** B7-H3 (CD276) is an immune-modulatory checkpoint molecule broadly overexpressed across solid tumors, making it a leading target in cancer immunotherapy research. Offered as an unconjugated, non-therapeutic analog of vobramitamab, this recombinant human IgG1 antibody binds CD276 and is supplied for research use only (RUO). It is produced to in vivo-grade, low-endotoxin standards and packaged in scalable milligram to gram quantities for heavy-usage and high-throughput laboratories. The antibody supports antigen-binding and internalization assays, in vitro tumor-cell screening, control reagents, ADCC studies, and preclinical models supporting targeted-therapy and ADC development.

**Other names:** B7-H3, B7H3



**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:**  $\leq 1.0$  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