

# Milatumumab Biosimilar - Research Grade

**Product Code:** ICH5681

**More Information**

**Species Reactivity:** Human

**Target:** CD74

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P04233;P04441

**Shipping Conditions:** Blue ice

**background:** Expressed by antigen-presenting cells and many B-cell malignancies, CD74 functions as the MHC class II invariant chain and a receptor for migration inhibitory factor, linking it to immune signaling and tumor biology. Our anti-human CD74 reagent is an unconjugated, non-therapeutic analog of milatumumab, supplied as a recombinant IgG1 kappa antibody for research use only (RUO). It is manufactured in scalable milligram (mg) to gram (g) quantities and formulated with low endotoxin so that it performs reliably in vivo. The material supports internalization studies, in vitro screening, ADCC and effector-function assays, preclinical tumor models, and antibody-drug-conjugate research.

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

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**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