

# Inotuzumab Biosimilar - Research Grade (ICH5247)

**Product Code:** ICH5247

**More Information**

**Species Reactivity:** Human

**Target:** CD22

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

**product name H2:** Inotuzumab Biosimilar - Research Grade (ICH5247)

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

**Buffer:** ICH2859

**UniProt:** P20273

**Shipping Conditions:** Blue ice

**background:** CD22 is a B-cell-restricted inhibitory receptor and a validated antibody-drug-conjugate target in B-lineage leukaemia research. This recombinant anti-human CD22 monoclonal is an unconjugated, non-therapeutic analog of inotuzumab, supplied for research use only (RUO). It is manufactured to in vivo standards, carries low endotoxin, and is produced in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Use it in functional assays, internalisation and binding studies, ADC-development workflows, reproducible controls, and in vivo models of B-cell malignancy, relying on consistent lot-to-lot behaviour for large experimental campaigns.

**Other names:** CAT-8015,GCR-8015,HA22,(sialic acid binding Ig-like lectin 2, SIGLEC2, SIGLEC-2, B-lymphocyte cell adhesion molecule, BL-CAM, Leu-14



**Specificity:** Detects human CD22

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

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

**Purity:** >95% 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:** 4 weeks