

# Metelimumab Biosimilar - Research Grade

**Product Code:** ICH5257

**More Information**

**Species Reactivity:** Human

**Target:** TGFB1

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH2902

**UniProt:** P01137

**Shipping Conditions:** Blue ice

**background:** Transforming growth factor beta-1 (TGFB1) coordinates immune suppression, extracellular-matrix deposition, and fibrosis across many tissues, a recurring target in disease research. This recombinant anti-human TGFB1 monoclonal is an unconjugated, non-therapeutic analog of metelimumab, supplied for research use only (RUO). Manufactured to in vivo standards with low endotoxin, it is offered in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Applications include functional assays, cytokine-neutralisation and signalling studies, reproducible controls, and in vivo models of fibrosis, providing the lot-to-lot consistency essential for sustained, heavy-usage research.

**Specificity:** Detects human TGFB1

**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