

# Iluzanebart Biosimilar - Research Grade

**Product Code:** ICH5594

**More Information**

**Species Reactivity:** Human

**Target:** TREM2 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q9NZC2

**Shipping Conditions:** Blue ice

**background:** TREM2 is a myeloid receptor that regulates microglial activation and survival and has emerged as a compelling target in neurodegeneration and neuroinflammation research. Our research-grade anti-TREM2 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of iluzanebart, developed for research use only (RUO). Produced to rigorous in vivo standards, this ultra-pure, low-endotoxin preparation is available in scalable milligram (mg) to gram (g) quantities to support heavy-usage, high-throughput laboratories. It is suited to receptor-agonist and binding assays, microglial activation studies, in vitro screening, and in vivo neuroinflammation models.

**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