

# Rolistobart Biosimilar - Research Grade

**Product Code:** ICH5274

**More Information**

**Species Reactivity:** Human

**Target:** LILRB4

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH2987

**UniProt:** Q8NHJ6

**Shipping Conditions:** Blue ice

**background:** LILRB4 is an inhibitory immunoreceptor expressed on monocytic cells and plasmacytoid dendritic cells, increasingly examined as a target in myeloid malignancy and immune-suppression research. Our research-grade anti-human LILRB4 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of rolistobart for research use only (RUO). Manufactured to in vivo standards and purified to a low-endotoxin grade, it is available in scalable milligram (mg) to gram (g) quantities for high-throughput and bulk laboratories. It supports myeloid checkpoint studies, in vitro screening, ADCC investigations, and in vivo immuno-oncology models as a reliable reagent.

**Specificity:** Detects human LILRB4

**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