

# Patecibart Biosimilar - Research Grade

**Product Code:** ICH5264

**More Information**

**Species Reactivity:** Human

**Target:** EDNRA

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH2937

**UniProt:** P25101

**Shipping Conditions:** Blue ice

**background:** The endothelin receptor type A (EDNRA) is a G-protein-coupled receptor that mediates potent vasoconstriction and is central to research on vascular tone and cardiovascular disease. Offered as an unconjugated, non-therapeutic analog of patecibart, this research-grade anti-human EDNRA recombinant monoclonal antibody is intended for research use only (RUO). It is produced under stringent in vivo manufacturing standards, purified to low endotoxin, and supplied in scalable milligram (mg) to gram (g) quantities for high-throughput and heavy-usage laboratories. Applications include receptor-signalling studies, in vitro screening, and in vivo cardiovascular models where reproducibility is essential.

**Specificity:** Detects human EDNRA

**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