

Perenostobart Biosimilar - Research Grade

Product Code: ICH5265

More Information

Species Reactivity: Human

Target: ENTPD1

Concentration: 5mg/ml

Isotype: Human IgG4 - kappa

Host: CHO Cells

product name H2: Perenostobart Biosimilar - Research Grade

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

Buffer: ICH2942

UniProt: P49961

Shipping Conditions: Blue ice

background: ENTPD1, the ectonucleotidase CD39, hydrolyses extracellular ATP and shapes the immunosuppressive adenosine pathway that is heavily studied in tumour immunology. This anti-human ENTPD1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of perenostobart, supplied for research use only. Made to rigorous in vivo standards and formulated with low endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities to serve bulk and high-throughput laboratories. It functions dependably as a control and active reagent in purinergic signalling assays, in vitro screening, ADCC investigations, and in vivo immuno-oncology disease models.

Specificity: Detects human ENTPD1

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: ≤ 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