

Volociximab Biosimilar - Research Grade

Product Code: ICH5287

More Information

Species Reactivity: Human

Target: ITGA5

Concentration: 5mg/ml

Isotype: Human IgG4 - kappa

Host: CHO Cells

product name H2: Volociximab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P08648

Shipping Conditions: Blue ice

background: ITGA5, the alpha-5 integrin subunit that pairs with beta-1 to form the fibronectin receptor, governs cell adhesion and angiogenesis in development and tumour biology. This anti-human ITGA5 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of volociximab, provided strictly for research use only. Built to demanding in vivo standards and low in endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities to meet the needs of bulk and high-throughput laboratories. It supports adhesion and angiogenesis assays, in vitro functional screening, and in vivo tumour and vascular models as a consistent reagent.

Specificity: Detects human ITGA5

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