

PM8002 Biosimilar - Research Grade

Product Code: ICH6026

More Information

Species Reactivity: Human

Target: VEGF + PD-L1

Concentration: 5mg/ml

Isotype: Human IgG1(L234A/L235A/E356D/M358L)-kappa-VHH

product name H2: PM8002 Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P15692;Q9NZQ7

Shipping Conditions: Blue ice

background: Co-targeting VEGF-driven angiogenesis and PD-L1-mediated immune evasion is a leading combination strategy in cancer research, aimed at simultaneously normalizing tumour vasculature and relieving checkpoint suppression. This research-grade PM8002-type bispecific antibody is an unconjugated, non-therapeutic reagent engineered to bind both VEGF and PD-L1 for preclinical investigation of these intertwined pathways. Validated for functional assays and supplied for research use only (RUO), it is produced to in vivo grade standards as an ultra-pure, low-endotoxin preparation. With scalable milligram (mg) to gram (g) availability, it supports in vitro screening, in vivo tumour-immunology models and dual-mechanism characterization in high-throughput laboratories.

Purification Method: This monoclonal antibody was purified using IEC

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >90% 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.