

# Vapaliximab Biosimilar - Research Grade

**Product Code:** ICH5968

**More Information**

**Species Reactivity:** Human

**Target:** AOC3 $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG2 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q16853

**Shipping Conditions:** Blue ice

**background:** AOC3 (VAP-1) is an endothelial amine oxidase and adhesion molecule that regulates leukocyte recruitment during inflammation, a topic of sustained interest in vascular biology research. Provided as an unconjugated, non-therapeutic analog of vapaliximab, this recombinant human IgG2 antibody targets AOC3 and is supplied for research use only (RUO). It is formulated to a low-endotoxin specification suitable for in vivo use and produced in scalable milligram-to-gram quantities to support heavy-usage and high-throughput laboratories. Applications include adhesion and enzyme-activity assays, in vitro inflammation screening, control work, and preclinical models of leukocyte trafficking.

**Other names:** Amine oxidase [copper-containing] 3, Vacular adhesion Protein 1, VAP1

**Purification Method:** This monoclonal antibody was purified using Protein A

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



**Purity:** >90% 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:** 3-4 weeks