

# Odulimomab Biosimilar - Research Grade

**Product Code:** ICH5724

**More Information**

**Species Reactivity:** Human

**Target:** ITGAL $\alpha$  $\beta$

**Concentration:** 5mg/ml

**Isotype:** F(ab')<sub>2</sub> - G1 - nd

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P20701

**Shipping Conditions:** Blue ice

**background:** ITGAL (CD11a, the LFA-1 alpha chain) mediates leukocyte adhesion and immune-synapse formation. This research-grade reagent is an unconjugated, non-therapeutic analog of odulimomab, expressed in CHO cells against human ITGAL and supplied as an F(ab')<sub>2</sub> fragment derived from a human IgG1 framework. For research use only, it is purified to a low-endotoxin specification suitable for in vivo studies and produced in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. The bivalent fragment format, lacking an Fc region, is useful for adhesion-blockade and functional assays where Fc-mediated effects are undesirable.

**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