

Anti-Rat CD4 (OX-38) In Vivo Antibody - Low Endotoxin

Product Code: ICH1255

More Information

Species Reactivity: Rat

Target: CD4

Concentration: >5mg/ml

Isotype: Mouse IgG2a

Host: Mouse

product name H2: Anti-Rat CD4 (OX-38) In Vivo Antibody - Low Endotoxin

UniProt: P01730;P05540

Shipping Conditions: Blue ice

background: CD4 is the helper T-cell co-receptor that binds MHC class II and orchestrates adaptive immune responses. Clone OX-38 is a mouse IgG2a monoclonal antibody recognising rat CD4, validated for depletion, ELISA, functional assays, flow cytometry, and immunoprecipitation. Anti-CD4 OX-38 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it offers reproducible, lot-consistent performance for rat CD4 T-cell depletion and immunology research requiring dependable bulk supply.

Other names: T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-3, W3/25 antigen

clone: OX-38

Purification Method: Protein A



Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: $\geq 95\%$ monomer by analytical SEC, $> 95\%$ by SDS Page

Endotoxin: 1.0 EU/mg as determined by the LAL method

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^{\circ}\text{C}$. Avoid Repeated Freeze Thaw Cycles.

Applications: Depletion, ELISA, FA, FC, IP

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.