

Bulk Anti-LCMV Nucleoprotein (VL-4) Antibody

Product Code: ICH1245

More Information

Species Reactivity: LCMV

Target: LCMV Nucleoprotein

Concentration: >5mg/ml

Isotype: Rat IgG2a Kappa

Host: Rat

product name H2: Bulk Anti-LCMV Nucleoprotein (VL-4) Antibody

Shipping Conditions: Blue ice

background: The LCMV nucleoprotein is the most abundant viral protein in lymphocytic choriomeningitis virus infection and a central antigen in studies of T-cell immunity and viral persistence. Clone VL-4 is a rat IgG2a kappa monoclonal antibody recognising LCMV nucleoprotein, validated for ELISA, functional assays, flow cytometry, and immunofluorescence. Anti-LCMV NP VL-4 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-to-lot performance for LCMV virology and chronic-infection immunology research.

Other names: Protein N, LCMV Nucleocapsid Protein

clone: VL-4

Purification Method: Protein G



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: ELISA, FA, FC, IF

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