

12-8565: Anti-LCMV Nucleoprotein — Purified No Carrier Protein (Clone VL-4)

Clonality :	Monoclonal
Clone Name :	VL-4
Application :	FACS,IF
Format :	Purified
Alternative Name :	Protein N, LCMV Nucleocapsid Protein
Isotype :	Rat IgG2a κ
Immunogen Information :	Lymphocytic choriomeningitis virus (LCMV)

Description

Specificity

VL-4 activity is directed against LCMV nucleoprotein, staining LCMV-infected cells internally.
VL-4 does not react with influenza-, vaccinia-, or vesicular stomatitis-infected cells.

Background

Lymphocytic choriomeningitis virus (LCMV) is a neglected human pathogenic arenavirus with worldwide distribution. Arenaviruses cause human infection through mucosal exposure to aerosols or by direct contact with abraded skin of infected rodents 1. LCMV infection may carry health risks for humans who are immunocompromised or pregnant.

Product Info

Amount :	5 mg / 1 mg
Purification :	Purity: $\geq 90\%$ monomer by analytical SEC and SDS-Page Product Concentration ≥ 1.0 mg/ml
Content :	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.
Storage condition :	This antibody 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.

Application Note

Research Use Only