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12-8232: Anti-Lassa Virus, Nucleoprotein (Clone LV-0032)-Purified No Carrier Protein (discontinued)

Clonality :	Monoclonal
Clone Name :	LV-0032
Application :	ELISA
Alternative Name :	Lassa, LASV, Lassa Virus
Isotype :	Mouse IgG1 κ

Product Info

Amount :	250µg
Purification :	Purity: ≥90% Preparation: This monoclonal antibody is purified by ion exchange chromatography.
Content :	Concentration: ≥1.0 mg/ml Formulation: Formulated in 0.015 M potassium phosphate buffere, 0.85% NaCl, pH 7.2 and contains 0.05% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This purified antibody is stable when stored at 2-8°C. Do not freeze.

Application Note

Specificity: Anti-Lassa Virus (Clone LV-0032) is specific for the Nucleoprotein of Lassa Virus.
Background: Lassa virus, a member of the Arenaviridae family, is a zoonotic pathogen primarily found in West Africa, particularly in regions such as Nigeria, Sierra Leone, and Liberia. The virus is transmitted to humans primarily through contact with rodent excreta or consumption of contaminated food. Lassa fever, the disease caused by the virus, manifests with flu-like symptoms initially but can progress to severe complications including hemorrhage and organ failure. Timely diagnosis is crucial for effective management, typically involving laboratory tests such as enzyme-linked immunosorbent assay (ELISA) or reverse transcriptase-polymerase chain reaction (RT-PCR) to detect viral antigens or genetic material in blood or tissue samples. Early detection allows for prompt treatment with antiviral medications and supportive care, significantly improving patient outcomes and reducing mortality rates associated with Lassa fever.

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