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12-8538: Anti-Lassa Virus, Nucleoprotein — Biotin (Clone 1LV10)

Clonality :	Monoclonal
Clone Name :	1LV10
Application :	ELISA,WB
Conjugate :	Biotin
Alternative Name :	Lassa, LASV, Lassa hemorrhagic fever, Lassa fever virus
Isotype :	Mouse IgG1 κ

Description

Specificity: Anti-Lassa Virus (Clone 1LV10) is specific for the Nucleoprotein of Lassa Virus (Josiah) and whole virions.

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.

Product Info

Amount :	500 µg / 100 µg
Purification :	≥90%
Content :	Concentration: 0.5 mg/ml Formulation: This Biotinylated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.
Storage condition :	This biotinylated antibody is stable when stored at 2-8°C. Do not freeze.

Application Note

Research Use Only

For Research Use Only. Not for use in diagnostic/therapeutics procedures.