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12-8225: Anti-Lassa Virus, Nucleoprotein (Clone 1LV15)- Purified No Carrier Protein

Clonality : Monoclonal
Clone Name : 1LV15
Application : ELISA,WB
Alternative Name : Lassa, LASV, Lassa hemorrhagic fever, Lassa fever virus

Description

Specificity: Anti-Lassa Virus (Clone 1LV15) 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 :	250µg / 1 mg
Purification :	Purity: >=90% Preparation: Purified antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Content :	Concentration: >=1.0 mg/ml 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 <= -70°C.?Avoid Repeated Freeze Thaw Cycles.

Application Note

Lateral Flow

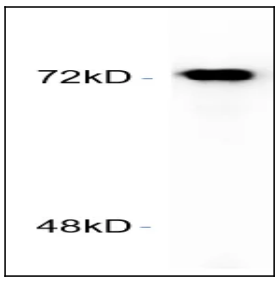


Figure 3: Western Blot: 1LV15 against gamma-irradiated Lassa virus.

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