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# 12-8535: Anti-Lassa Virus, Nucleoprotein— Biotin (Clone 1LV6)

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| **Clonality :** | Monoclonal |
| **Clone Name :** | 1LV6 |
| **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 ILV6) 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.

## Product Info

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| **Amount :** | 500 µg / 100 µg |
| **Purification :** | ≥90% |
| **Content :** | Concentration: 0.5 mg/ml<br>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 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. |

## Application Note

Research Use Only

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