
Rift Valley Fever Virus Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253844

Unit: 0.1 mg

Description:

Rift Valley Fever (RVF) virus is an arthropod-borne virus endemic to Africa that infects humans and animals that is transmitted predominantly by mosquitoes. During human infections, symptoms can range from benign fever to severe encephalitis and fatal hepatitis with hemorrhagic fever. The Bunyaviridae family of viruses to which the RVF virus belongs are spherical enveloped viruses with a tripartite RNA genome of negative or ambisense polarity. The three segments are referred to as the L, M, and S segments. The L and M segments are negative polarity and code for the L-dependent RNA polymerase and glycoprotein precursor respectively. The S segment is of ambisense polarity and encodes the nucleoprotein and non-structural proteins. This RVF virus antibody was derived from a peptide sequence near the carboxy terminus of the polyprotein precursor translated from the M segment. It will therefore detect both the precursor and the Glycoprotein G2.

Isotype: Rabbit Ig

Applications: E

Species Reactivity: Vs

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Rift Valley Fever Virus ; RVF virus; RVFV

Accession No.: P03518

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of the RVF virus.

Application Notes: E: 1:500-1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.