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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Envelopment polyprotein [RV-Gn3] Bulk Size Ab04482-23.0-BT

Isotype and Format: Rabbit IgG, Kappa

Clone Number: RV-Gn3

Alternative Name(s) of Target: GP; Gn; Glycoprotein N; M polyprotein

UniProt Accession Number of Target Protein: A2T080

Published Application(s): crystallography, neutralization, ELISA

Published Species Reactivity: Rift Valley fever virus

Immunogen: The original antibody was raised by immunizing a rabbit with the full-length RVFV Gn ectodomain.

Specificity: This antibody is specific for the sequence SQCPKIGGHGSKKCTGDAAFCSAYECTAQYAN of glycoprotein N from Rift valley fever virus.

Application Notes: The original antibody was used for an ELISA on glycoprotein N from Rift valley fever virus. This antibody has also shown the ability to neutralize Rift valley fever virus in a plaque reduction assay. The structure of the original antibody was determined using x-ray crystallography (Allen et al., 2018; PMID:30590046).

Antibody First Published in: Allen et al. A Protective Monoclonal Antibody Targets a Site of Vulnerability on the Surface of Rift Valley Fever Virus Cell Rep. 2018 Dec 26;25(13):3750-3758.e4. [PMID:30590046](#)

Note on publication: The original paper raised a class of neutralizing monoclonal antibodies against RVFV Gn, which exhibited protective efficacy in a mouse infection model.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.