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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Glycoprotein G [NAbC] Bulk Size Ab03679-10.0-BT

Isotype and Format: Human IgG1, Kappa

Clone Number: NAbC

Alternative Name(s) of Target: CHPV; CHPV glycoprotein G; CHPV G protein; G-protein; surface glycoprotein

UniProt Accession Number of Target Protein: E3T3A7; P13180; A0A290D162

Published Application(s): neutralize, ELISA

Published Species Reactivity: Chandipura virus (CHPV)

Immunogen: This antibody was generated against strain CIN0327 of the Chandipura virus (CHPV).

Specificity: This antibody binds the surface glycoprotein (G-protein) of Chandipura Virus (CHPV), a member of Rhabdoviridae. This virus is responsible for an explosive outbreak, with high mortality, in rural areas of India. It affects mostly children and is characterized by encephalitic illness or influenza-like illness and neurologic dysfunctions. It is transmitted by vectors such as mosquitoes, ticks and sand flies.

Application Notes: This antibody can neutralize prototype I653514 as well as the currently circulating strain 148974 of the Chandipura virus. This antibody can be used for the detection of CHPV in a sample using ELISA (PMID 30116984).

Antibody First Published in: Pavitrakar et al. Identification of a conserved neutralizing epitope in the G-protein of Chandipura virus. Arch Virol. 2018 Dec;163(12):3215-3223. [PMID:30116984](#)

Note on publication: This paper compares the surface glycoprotein (G-protein) of Chandipura virus from prototype and recent outbreak strains using in silico tools and in vitro experiments.

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.