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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Genome polyprotein [NA9D7] Bulk Size Ab04403-1.29-BT

This is a Fab fragment with a his-tag.

Isotype and Format: Mouse Fab fragment, His-Tagged, Kappa

Clone Number: NA9D7

Alternative Name(s) of Target: P1; 18A7

UniProt Accession Number of Target Protein: Q9QF31

Published Application(s): in vitro, neutralization, ELISA

Published Species Reactivity: Cocksackievirus A16

Immunogen: The original antibody was raised by immunizing a mouse with CVA16.

Specificity: This antibody is specific for the inner surface of the canyon of CVA16.

Application Notes: The original antibody was used for a neutralization assay against CVA16 in human rhabdomyosarcoma (He et al., 2020; PMID:32027857). Further an ELISA was performed on 16 strains of CVA16 (He et al., 2020; PMID:32027857), and on CVA16 (Cu et al., 2021; PMID:32750255). The structure of this antibody was determined using cryo-EM (He et al., 2020; PMID:32027857). A bispecific version of this antibody was used for an immunofluorescence assay on EV71- and CA16-infected cells. Furthermore a bispecific version of this antibody was used for an ELISA on EV71 or CA16. Finally the bispecific version of this antibody was used for neutralization (Zhou et al., 2019; PMID:30419253).

Antibody First Published in: He et al. Identification of Antibodies with Non-overlapping Neutralization Sites that Target Cocksackievirus A16 Cell Host Microbe. 2020 Feb 12;27(2):249-261. [PMID:32027857](#)

Note on publication: The original paper identifies three CVA16-specific neutralizing monoclonal antibodies (nAbs) with therapeutic potential: 18A7, 14B10, and NA9D7.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.