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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Genome polyprotein [NA9D7] Standard Size Ab04403-1.1

Isotype and Format: Mouse IgG1, 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: Coxsackievirus 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 Coxsackievirus 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: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.