



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Anti-Genome polyprotein [NA9D7] Bulk Size Ab04403-10.0-BT

**Isotype and Format:** Human 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:** 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.