



# 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 [C5] Standard Size Ab04424-23.0

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** C5

**Alternative Name(s) of Target:** P1; Capsid protein VP3; Virion protein 3

**UniProt Accession Number of Target Protein:** P03303

**Published Application(s):** neutralization

**Published Species Reactivity:** Human Rhinovirus 14

**Immunogen:** The original antibody was raised by immunizing a mouse with human rhinovirus 14.

**Specificity:** This antibody is specific for capsid protein VP3, N1m-III site of Human rhinovirus 14.

**Application Notes:** The structure of the original antibody bound to its antigen was determined using cryo-EM. Further the original antibody was used for both a preattachment neutralizing assay and a postattachment neutralization assay on HeLa-H1 cell monolayers. The antibody showed the ability to neutralize RV-B14 in both assays. The antibody was able to trigger genome release in the virus (Dong et al., 2017; PMID:28696310).

**Antibody First Published in:** Dong et al. Antibody-induced uncoating of human rhinovirus B14 Proc Natl Acad Sci U S A. 2017 Jul 25;114(30):8017-8022. [PMID:28696310](#)

**Note on publication:** The original paper reports that the antigen-binding (Fab) fragment of a neutralizing antibody (C5) can trigger genome release from RV-B14 to form emptied particles and neutralize virus infection.

### 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.