



# 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-Fusion glycoprotein F0 [32.4K] Bulk Size Ab04443-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human Fab format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 32.4K

**Alternative Name(s) of Target:** Respiratory syncytial virus

**UniProt Accession Number of Target Protein:** C3UPB8

**Published Application(s):** crystallography, neutralization, ELISA

**Published Species Reactivity:** Respiratory syncytial virus

**Immunogen:** The original antibody was raised by isolating B cells isolated from PMBCs of patients vaccinated with DS-Cav1.

**Specificity:** This antibody is specific for the antigenic site Ø at the apex of pre-F.

**Application Notes:** The original version of this antibody was used for a neutralization assay on NCI-H28 cells and recombinant mKate-RSV subtype A. The structure of this antibody was determined using x-ray crystallography. This antibody was used for an ELISA on DS-Cav1 (Mukhamedova et al., 2022; PMID:33823129).

**Antibody First Published in:** Mukhamedova et al. Vaccination with prefusion-stabilized respiratory syncytial virus fusion protein induces genetically and antigenically diverse antibody responses Immunity. 2021 Apr 13; 54(4): 769-780.e6. [PMID:33823129](#)

**Note on publication:** The original paper sought to determine whether DS-Cav1 vaccination induces a repertoire mirroring the pre-existing diversity from natural infection or whether antibody lineages targeting specific epitopes predominate.

### 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.