



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Fusion glycoprotein F0 [32.4K] Standard Size Ab04443-10.3

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: 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.