



# 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

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## Anti-NP [JS16] Ab03534-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Human Fab format for improved compatibility with existing reagents assays and techniques.

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

**Clone Number:** JS16

**Alternative Name(s) of Target:** NP; NC; Protein N; Nucleocapsid protein; SARS-CoV Protein N; SARS-CoV Nucleocapsid protein; SARS Coronavirus; SARS-CoV-2; SARS CoV 2; 2019-nCoV

**UniProt Accession Number of Target Protein:** P0DTC9

**Published Application(s):** SPR, WB, ELISA

**Published Species Reactivity:** SARS-CoV-2

**Immunogen:** A combinatorial fragment of antigen-binding (Fab) antibody phage library based on peripheral blood-derived from five coronavirus disease 2019 (COVID-19) infected donors was constructed. The antibody was obtained and identified by panning with purified NP.

**Specificity:** The antibody is specific for NP.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody detected the recombinant NP by western blot analysis. Surface plasmon resonance assay was performed to evaluate the binding specificity and affinity between antibodies and purified NP (KD in the sub-nM range). The antibody was used together with JS08 in sandwich ELISA (detection limit below 0.78ng/mL) (Zhang et al, 2020; PMID:33281824).

**Antibody First Published in:** Zhang et al. Development of Patient-Derived Human Monoclonal Antibodies Against Nucleocapsid Protein of Severe Acute Respiratory Syndrome Coronavirus 2 for Coronavirus Disease 2019 Diagnosis Front Immunol. 2020 Nov 13;11:595970. [PMID:33281824](#)

**Note on publication:** The paper describes the generation and characterization of the antibody.

## 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.