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

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Anti-S1 (SARS-CoV-2/COVID-19) Human Monoclonal Antibody

CATALOG NUMBER: SCV2-S1-h22, 100 µg

Introduction

The novel coronavirus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified coronavirus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019.

The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleoprotein also clustered closely with those of the bat, civet and human SARS coronaviruses. However, the external subdomain of Spike's receptor binding domain (RCB) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related coronaviruses.

Applications

Western blot (1:1,000-1:2,000) and ELISA (1:5,000-10,000), May be used for other applications

Description

Human monoclonal anti-spike S1 (SARS-CoV-2/COVID-19) antibody produced by in vitro XtenCHO cells

Immunogen

Recombinant SARS-CoV-2 spike S1 protein

Specificity

Reacts with S1 and Spike RBD domain protein from coronavirus SARS-CoV-2. Cross-reaction to S1 and RBD domain from other coronavirus not tested.

Purification

Affinity chromatography

Isotype

Human IgG1

Storage

Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.

Concentration

1 µg/µl in PBS, pH7.4

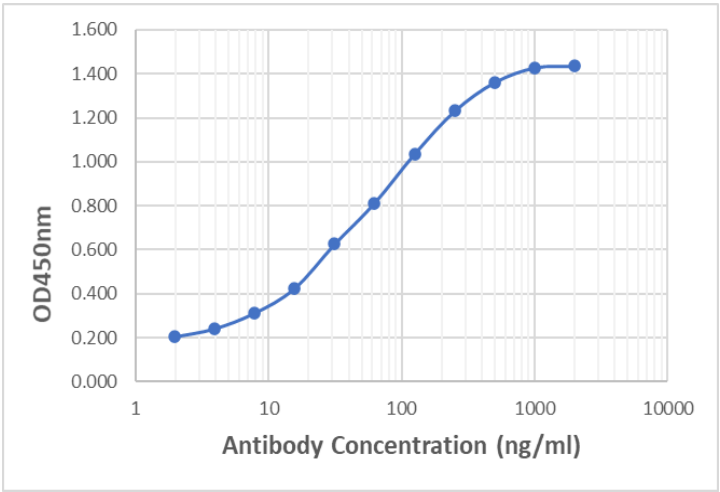

Figure 1. Titration curves of anti-S1 (SARS-CoV-2) human monoclonal antibody. 96-well corning EILSA plate was coated with SARS-CoV-2 spike S1 protein (Cat# SCV2-S1-150P) at a concentration of 1.5 µg/ml.

Tel: 1-800-919-0755 • Fax: 1-240-683-5852 • info@eEnzyme.com • www.eEnzyme.com