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Certificate of Analysis

Product Description: SARS-CoV-2 Spike S1 Rabbit Monoclonal Antibody
Catalog Number: L100003
Lot: S8796

Formula: N/A
CAS #: N/A
Physical Description: Clear, Colorless Liquid

Formula Weight: N/A
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Host	Rabbit	Rabbit
Form	Liquid	Liquid
Clone	Monoclonal Antibody	Monoclonal Antibody
Conjugate	Unconjugated	Unconjugated
Antigenic Specificity	SARS-CoV-2 Spike S1	SARS-CoV-2 Spike S1
Concentration	Report Result	2.28 mg/mL

DESCRIPTION: With the full-length SARS-CoV-2 Spike S1 protein as an immunogen, this MP Biomedicals antibody production through the 4th generation of rabbit monoclonal manufacturing technique provides a solid consistency between lots. The affinity-purified SARS-CoV-2 Spike S1 Rabbit Monoclonal Antibody is prepared from the specific rabbit IgG fraction by solid phase absorption. The resulting antibody is highly pure and offers high specificity and potency against SARS-CoV-2 Spike S1 protein. The purified antibody is dissolved in PBS buffer with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3-7.4.

USES: This monoclonal antibody has been experimentally validated in the following applications by offering high specificity and potency against SARS-CoV-2 Spike S1 domain.

ELISA: 1:1000 to 1:5000.

FCM: 1:50 to 1:200.

IF: 1:50 to 1:200.

IP: 1:50 to 1:200.

STORAGE: This antibody can be stored at 2 -8°C for one month without detectable loss of activity. This antibody is also stable for twelve months from date of receipt when stored at -20 to -80°C. Avoid repeated freeze-thaw cycles.

WARNING AND CAUTION: This product is intended FOR RESEARCH USE ONLY, not for use in diagnostic or therapeutic procedures involving humans.

Recommended Retest Date (MM/DD/YYYY):06/28/2024



06/29/2022 - Lily Meng

MP Biomedicals, LLC.

QC Chemist

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