

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: 9547 **Lot #:** 1A02522

Description: MAb to SARS-CoV-2 Nucleocapsid
Monoclonal Antibody to SARS-CoV-2 Nucleocapsid Protein

Specificity: Specific for SARS-CoV-2 Nucleocapsid.
This antibody does NOT cross-react with any other coronavirus (229E, NL63, OC43, HKU1, MERS), Adenovirus (type 4), Enterovirus (D68) Metapneumovirus, Rhinovirus, Influenza A, Influenza B, Parainfluenza (1, 2, 4b), *Haemophilus Influenza*, Respiratory Syncytial Virus (RSV), *Legionella pneumophila* and *Mycoplasma pneumoniae* (M129), *Chlamydia pneumoniae*, *Bordetella pertussis*, *Streptococcus pyogenes*, *Staphylococcus aureus*, and *Candida albicans*.

Host Animal: Mouse **Isotype:** IgG₁

Immunogen: Recombinant SARS-CoV-2 Nucleocapsid Protein

Format: Purified, Liquid

Purification: ≥ 95% pure (SDS-PAGE). Protein A Chromatography

Concentration: 4.41 mg/mL (OD280nm)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.05% Sodium Azide

Applications: Suitable for use in ELISA, Lateral Flow and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. This antibody and its recommended antibody pair have been proven to detect all known SARS-CoV-2 variants such as Omicron variant (B.1.1.529), Alpha (B.1.1.7), Beta (B.1.351), Gamma (P.1), and Delta (B.1.617.2). This antibody is used in several regulated immunoassays worldwide.

Recommended pair for Immunoassay:

<u>Capture</u>	<u>Detection</u>
9548	9547

Storage: Store at -20°C, avoid repeated freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Beverly L. Orr

Quality Signature:

01 February 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY