

## Humanized Monoclonal Antibody against SARS-CoV-2 Nucleocapsid protein (NP)

Catalog Number: 41A261

**Size:** 1 mg

**Type:** Genetically engineered recombinant monoclonal IgM antibody

**Production:**

The cDNA encoding the highly variable region of the antibody recognizing SARS-CoV-2 NP from mammalian cells were identified by phage display library, fused with the Fc fragment of human IgM, and expressed in Chinese Hamster Ovary (CHO) cells.

**Immunogen:**

Recombinant SARS-CoV NP Protein (Cat # 41A220)

**Formulation:**

10 mM PB + 150 mM NaCl + 0.1% Proclin300, pH7.4.

**Application/Usage:**

Intend to be used as a capture antibody for in sandwich immunoassays paired with 41A262, such as lateral flow assay. Recommend concentration for conjugation is 10-20 µg/ml.

**Purification:**

Protein A chromatography

**Storage:**

Antibody products are stable for twelve months when stored at -20°C to -80°C.

**Material safety note:**

Standard Laboratory Practices should be followed when handling this material.

**Representative data:**

