

## SARS-COV MAB (CR3022 MAB)

**Cat.#:** 28022

**Product Name:** Anti-SARS-CoV (CR3022) Monoclonal Antibody

**Synonyms:** S protein RBD;pike glycoprotein Receptor-binding domain; glycoprotein RBD;pike protein RBD

**Description:** Anti-SARS-CoV (CR3022) Monoclonal Antibody

**Background:** Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

**Applications:** ELISA; Flow Cyt

**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100

**Host Species:** Homo sapiens

**Isotype:** IgG1

**Purification:** Purified from cell culture supernatant by affinity chromatography

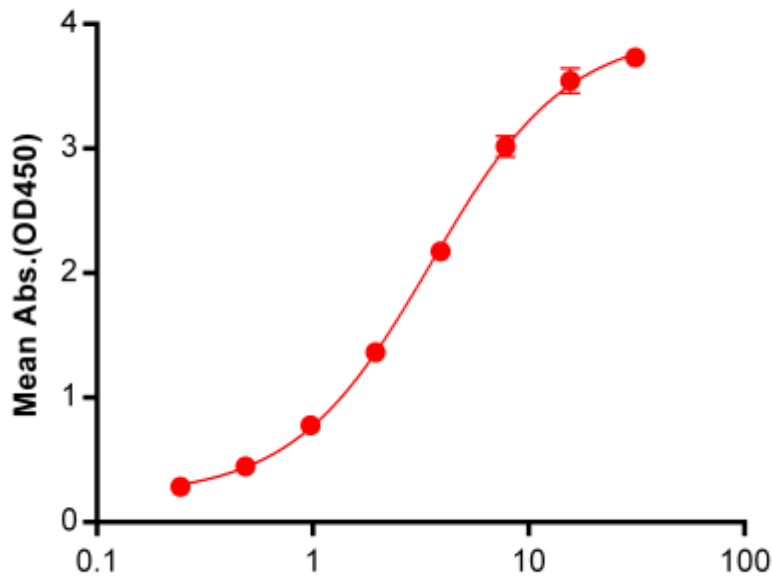
**Species Reactivity:** SARS-CoV-2 SARS

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

## S-RBD, His Tagged protein ELISA

0.2  $\mu$ g of S-RBD, His Tagged protein per well



Anti-SARS-CoV-S protein RBD Neutralizing Antibody(CR3022)(ng/ml)

Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) S-RBD, His tagged protein can bind Anti-SARS-CoV Neutralizing antibody(CR3022) in a linear range of 0.244–3.513ng/ml.