

## Antibody Datasheet

**Name:** Mouse Anti SARS Coronavirus Nucleoprotein Antibody (3864)

**Product Code:** MAB12427-100 / MAB12427-500

**Clone Number:** 3864

**Isotype:** IgG

**Batch #:**

**Amount:** 100µg / 500µg

**Concentration:** 1.0 mg/ml

**Purity:** >90%

**Presentation:** Liquid

**Buffer:** 0.01 M phosphate buffered saline, pH 7.2

**Preservative:** 0.1% Sodium Azide

**Purification:** Protein A chromatography or sequential differential precipitations.

**Specificity:** Specific for the nucleoprotein of the SARS coronavirus (IFA & ELISA) and SARS-CoV-2/COVID-19 (ELISA). Negative for human coronaviruses 229E and OC43.

**Applications:** ELISA (SARS-CoV and SARS-CoV-2; 1:20-1:200), IFA (SARS-CoV; 1:10-1:50)

### Usage Guidelines

**Short Term Storage:** +2 to +8°C

**Long Term Storage:** -20°C

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**

**ELISA:** SARS-CoV-2 nucleoprotein antigen was coated at 2 µg/ml PBS overnight at RT, washed 2X with PBS + 0.3% tween-10 (PBST). Wells were blocked with 1% normal goat serum in PBS for a minimum of 30 minutes. Antibodies were applied at 1 µg/ml PBST for 30 min at RT, washed 2X with PBST. Anti Influenza A Nucleoprotein was included as a negative control antibody. Goat antibody to mouse IgG+ IgM/HRP conjugate (Jackson Immuno) was added at 0.5 µg/ml in PBST for 30 minutes at RT. Washed 2X with PBST and TMB added for 1 minute.

