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## **Antibody Datasheet**

Name: Mouse Anti SARS Coronavirus Nucleoprotein Antibody (3862)

**Product Code:** MAB12425-100 / MAB12425-500

Clone Number: 3862

**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

Immunogen: N/A

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**

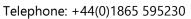
Short Term Storage: +2 to +8°C

**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  $\mu$ g/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  $\mu$ g/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  $\mu$ g/ml in PBST for 30 minutes at RT. Washed 2X with PBST and TMB added for 1 minute.

