

Antibody Datasheet

Name: Mouse Anti SARS-CoV-2 Nucleoprotein Antibody (JF1)

Product Code: MAB12468-100 / MAB12468-500

Batch #:

Date of Manufacture:

Product Description: Mouse monoclonal antibody against SARS-CoV-2 nucleoprotein.

Clone Number: JF1.2.B11

Isotype: IgG

Amount: 0.1 mg / 0.5 mg

Concentration: 1.0 mg/ml

Presentation: Liquid

Buffer: Phosphate Buffered Saline, pH 7.4, Filter Sterile

Immunogen: Recombinant SARS-CoV-2 Nucleoprotein, REC31851

Purification: Protein G

Specificity: SARS-CoV-2 Nucleoprotein.

Cross-Reactivity: Antibody does not cross-react with SARS-CoV, HCoV-229E, HCoV-HKU1, HCoV-NL63 and HCoV-OC43 in antigen-down ELISA (0.5µg). Cross-reactivity profiles were determined using these specific conditions, and may vary with other experimental set-ups or in different applications (see data below).

Applications: ELISA

Matched Pair: Antibody can be used as a capture antibody in sandwich ELISA, with SARS-CoV-2 nucleoprotein [REC31851](#) and [MAB12465](#) or [MAB12467](#) as detection antibodies (see data below).

Application Notes: Working dilution must be determined by the user. Suggested starting ranges are 0.01-0.1 µg/ml for ELISA.

Usage Guidelines

Short Term Storage: +4°C

Long Term Storage: -20°C

Storage Guidelines: Avoid multiple freeze-thaw cycles



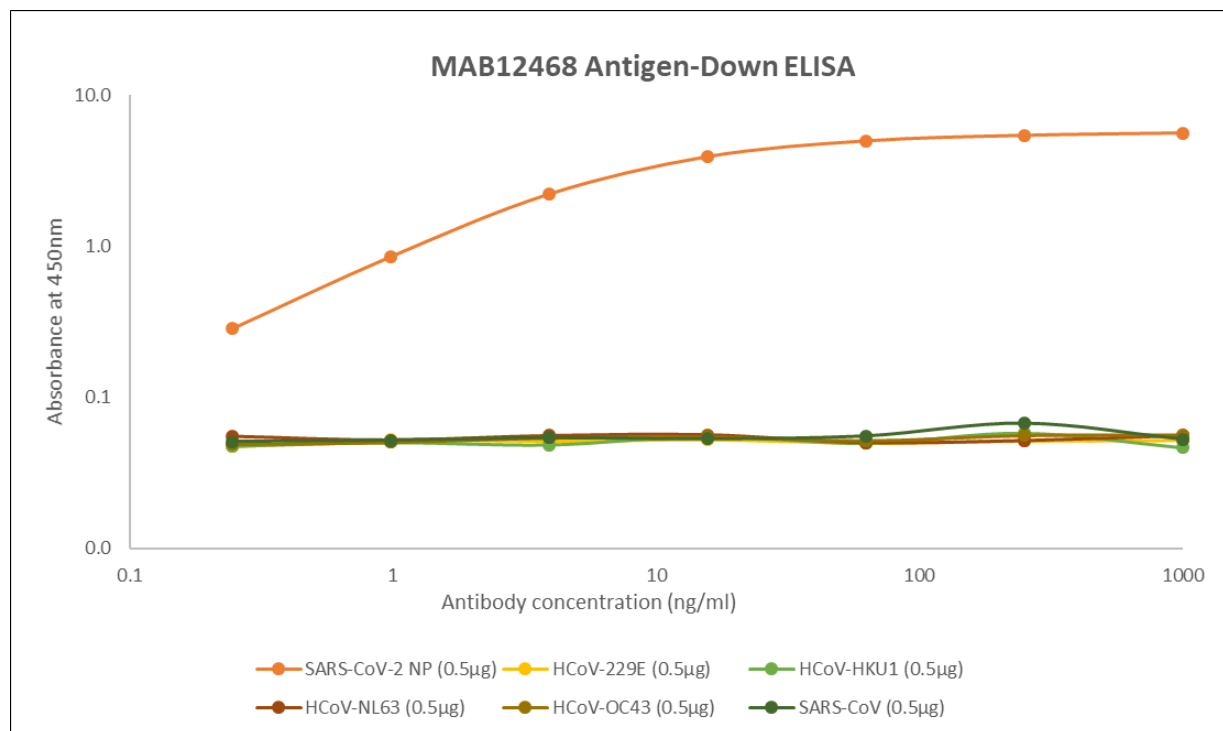
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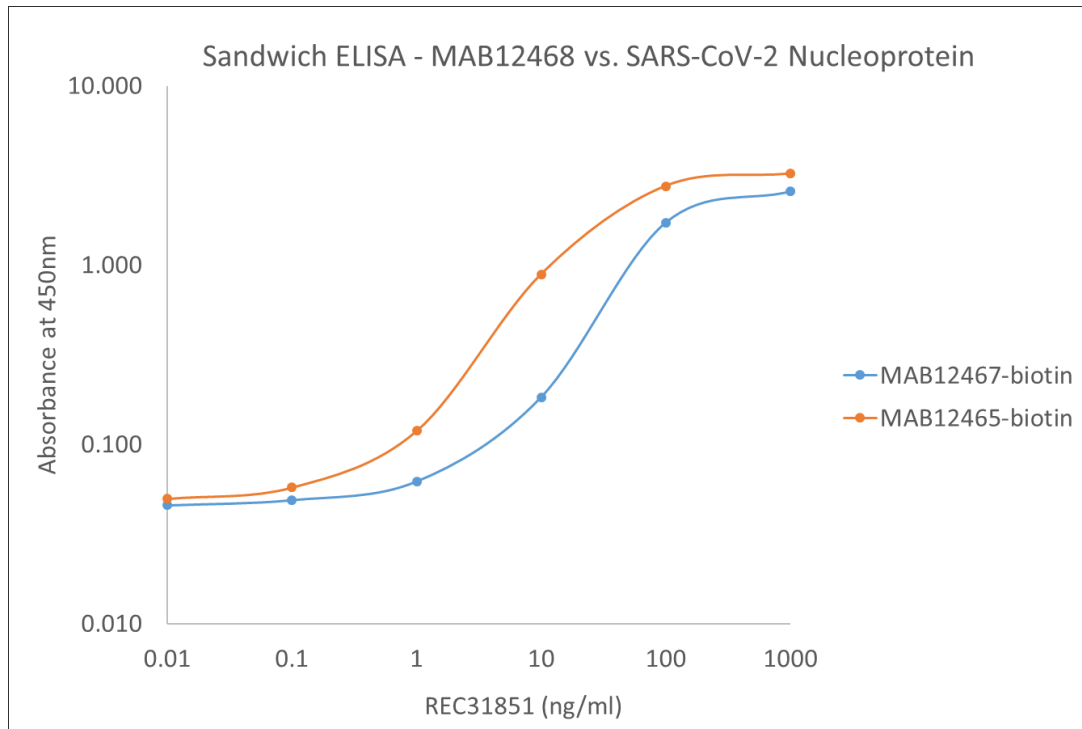
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ELISA: Antigen-down ELISA with SARS-CoV-2 (REC31851), HCoV-229E (REC31758), HCoV-HKU1 (REC31856), HCoV-NL63 (REC31759), HCoV-OC43 (REC21857) and SARS-CoV (REC31744) nucleoprotein coated at 0.5µg.



Sandwich ELISA: Plate coated with 5µg/ml of MAB12468, 100µl/well. Antigen (REC31851) dilutions prepared from 1000ng/ml to 0.01ng/ml and 100µl added per well. Diluted biotin labelled detection antibodies (0.8µg/ml), MAB12465 and MAB12467 added (100µl per well). Detection using Poly strep HRP (100µl/well of 1:40,000 dilution) and 100µl/well of TMB (M0701A), 15 min. at RT. Reaction stopped with 100µl/well of 1M HCl and plate read at 405 and 450nm.



X

QC

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

