

## Antibody Datasheet

**Name:** Human IgG1 Anti SARS-CoV-2 Spike (S2) Antibody (CH1)

**Product Code:** MAB12462-100 / MAB12462-500

**Batch #:**

**Date of Manufacture:**

**Product Description:** Recombinant humanised version of the mouse monoclonal antibody MAB12447. Antibody is specific for SARS-CoV-2 spike subunit 2 protein.

**Clone Number:** CH1.D11.H7.B11

**Isotype:** IgG1 Kappa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

**Purity:** >95%

**Presentation:** Liquid

**Buffer:** Phosphate Buffered Saline, pH 7.4, Filter Sterile

**Stabilizer:** No preservative added

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**Immunogen:** SARS-CoV-2 Spike subunit 2 (S2), REC31807 (aa 685-1211)

**Purification:** Protein A

**Specificity:** Antibody is specific for SARS-CoV-2 spike subunit 2 protein.

**Applications:** ELISA, WB

### Usage Guidelines

**Short Term Storage:** +4°C

**Long Term Storage:** -20°C

**Storage Guidelines:** Avoid repeat freeze-thaw cycles



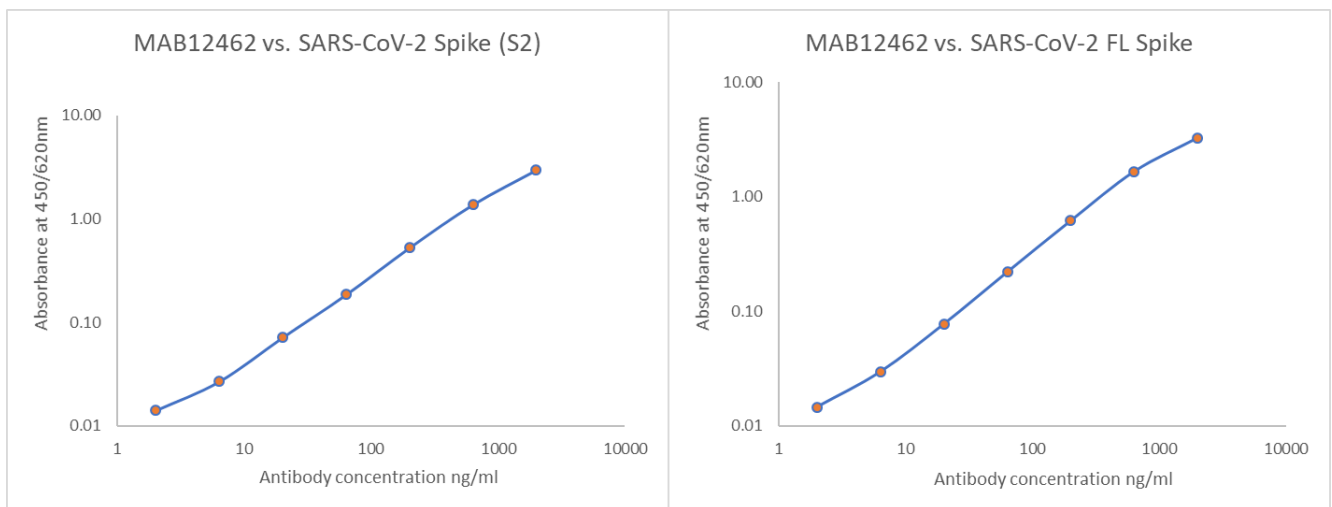
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**ELISA:** Antibody is specific for SARS-CoV-2 spike S2 in antigen-down ELISA. Greiner High binding 96 well plate was coated with 100µl of SARS-CoV-2 spike glycoprotein subunit 2 (REC31807, 1000ng/ml) or full-length (FL) spike (REC31868, 1000ng/ml). Primary antibody dilutions were added at 100-0.1ng/ml (100µl). Secondary goat anti human IgG HRP antibody (100µl) was added at 1:5000 dilution. TMB substrate (M0701A) was added (100µl) until colour developed (10 min.) and then the reaction stopped with 100µl of 1M HCl. Plate was read at 450/620 nm.



X

QC



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