

## Antibody Datasheet

**Name:** SARS-CoV-2 Spike Protein Neutralizing Nanobody (HL38)

**Product Code:** MAB12471-20 / MAB12471-100

**Batch #:**

**Date of Manufacture:**

**Product Description:** Recombinant Llama VHH-Human IgG Antibody for studying neutralization of SARS-CoV-2 and detection of Spike glycoprotein. Neutralizing activity validated for wild type Spike protein RBD and Spike protein RBD (N501Y) variant.

**Clone Number:** HL38

**Isotype:** Llama VHH-Human IgG Fc

**Amount:** 0.02 mg / 0.1 mg

**Concentration:** 1.0 mg/ml

**Presentation:** Liquid

**Buffer:** 1 X PBS (pH7.4), 3% sucrose

**Specificity:** SARS-CoV-2 Spike protein

**Applications:** ELISA, NTR

**Application Notes:** Working dilution must be determined by the user.

### Usage Guidelines

**Short Term Storage:** +4°C

**Long Term Storage:** -20°C

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

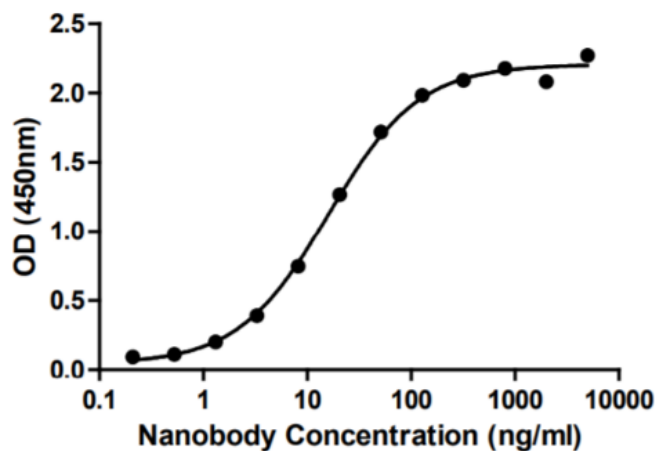
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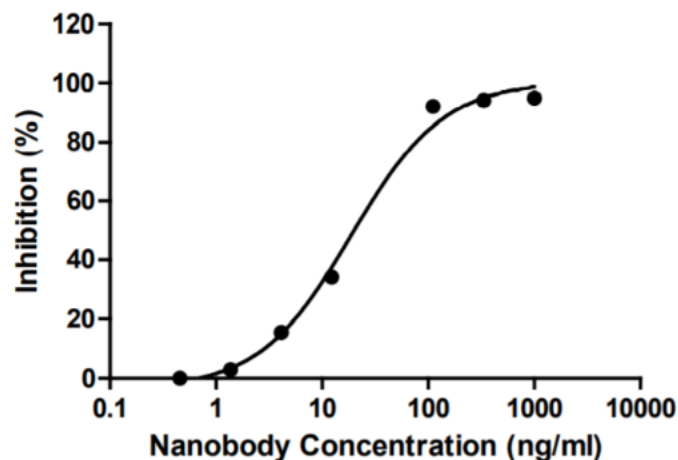
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**ELISA:** Binding ability of MAB12471 to SARS-CoV-2 spike RBD, measured in a functional ELISA.



**ELISA:** Inhibitory activity of MAB12471 against SARS-CoV-2 RBD binding to ACE2, as determined by ELISA.



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