

Antibody Datasheet

Name: SARS-CoV-2 Spike Protein Neutralizing Nanobody (L14)

Product Code: MAB12473-20 / MAB12473-100

Batch #:

Date of Manufacture:

Product Description: Recombinant Llama VHH Antibody for studying neutralization of SARS-CoV-2 and detection of Spike glycoprotein. Neutralizing activity validated for wild type Spike protein RBD , Spike protein RBD (N501Y) variant, and triple mutant (K417N, E484K, N501Y) RBD.

Clone Number: L14

Isotype: Llama VHH

Amount: 0.02 mg / 0.1 mg

Concentration: 0.1 mg/ml

Presentation: Liquid

Buffer: 50mM sodium phosphate, pH7.5, 300mM NaCl, 150mM imidazole

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



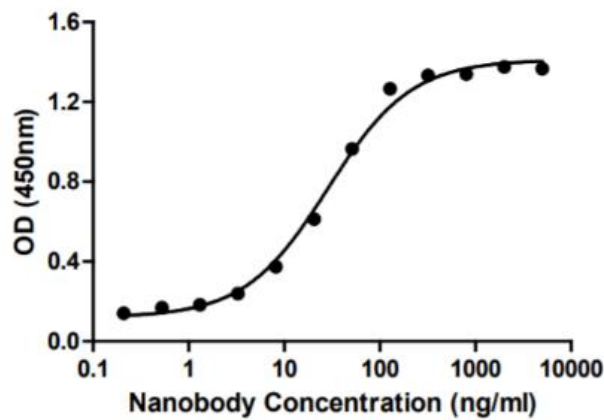
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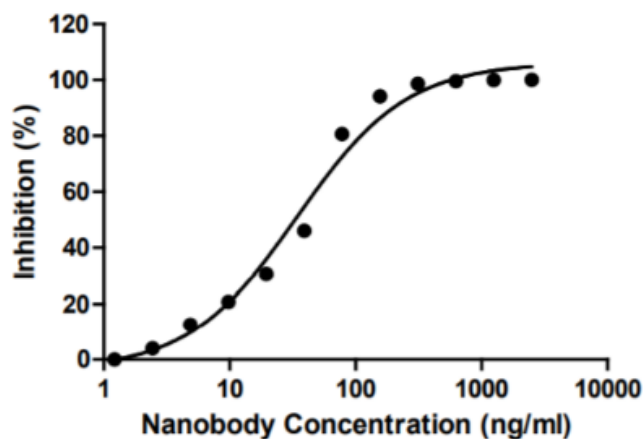
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ELISA: Binding ability of MAB12473 to SARS-CoV-2 spike RBD, measured in a functional ELISA.



ELISA: Inhibitory activity of MAB12473 against SARS-CoV-2 RBD binding to ACE2, as determined by ELISA.



X

QC

X

QA

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