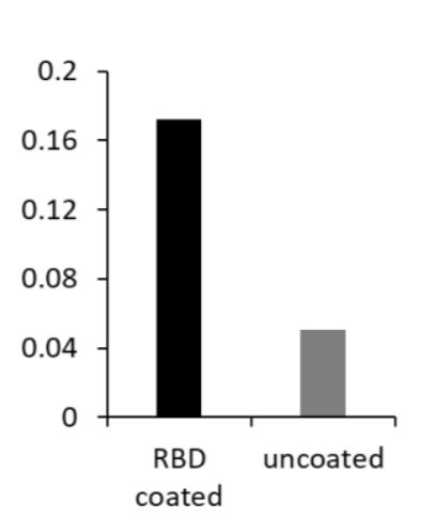
NanoAb™

VHH-His tag NanoAb™ Targeting SARS-CoV-2 spike RBD

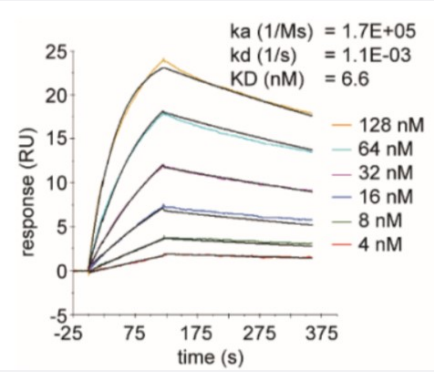
Catalog # NAB00009 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized recombinant SARS-CoV-2 (2019-nCoV) Spike RBD protein at 1 ug/mL (100 uL/well) can bind SARS-CoV-2 spike RBD VHH recombinant monoclonal antibody.



Surface Plasmon Resonance

Captured recombinant SARS-CoV-2 (2019-nCoV) Spike RBD protein on CM5 Chip can bind SARS-CoV-2 spike RBD VHH recombinant monoclonal antibody with an affinity constant of 6.6 nM as determined in SPR assay (Biacore T200).

Specification

Product Description	VHH NanoAb™ targeting SARS-CoV-2 Spike RBD expressed in *Escherichia coli* under conditions free from animal-derived components.
Antibody Species	Alpaca
Immunogen	SARS-CoV-2 Spike RBD

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Theoretical MW (kDa)	13.6
Reactivity	SARS-CoV-2
Epitope	Monospecific
Tag	His tag at C-terminus
Conjugation	Unconjugated
Preparation Method	*Escherichia coli* expression system
Purification	Affinity chromatography purified
Conjugation	Unconjugated
Affinity	Not measured
Form	Lyophilized
Purity	> 95% by SDS-PAGE
Recommend Usage	ELISA (1:3000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS pH 7.4.
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water or with 50% glycerol (ACS grade or better), store at -20°C o r lower. Aliquot to avoid repeated freezing and thawing.

Applications

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