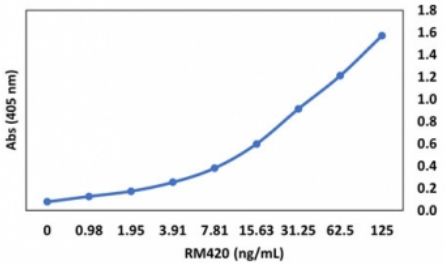
SARS-CoV-2 Nucleocapsid Protein Antibody (2019-nCov) [clone RM420] (R20435)

Catalog No.	Formulation	Size
R20435-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	SARS-CoV
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM420
Purity	Protein A purified from animal origin-free supernatant
Applications	Use At An Assay Dependent Concentration :
Limitations	This recombinant SARS-CoV-2 Nucleocapsid Protein antibody is available for research use only.



Binding curve of anti-NP (2019-nCov) RM420 monoclonal antibody and recombinant 2019-nCov Nucleocapsid Protein. ELISA plate was coated with 50ng recombinant 2019-nCov Nucleocapsid Protein at concentration of 1ug/ml. A 2-fold serial dilution from 125 ng/ml was performed using this recombinant SARS-CoV-2 Nucleocapsid Protein antibody. For detection, AP-conjugated goat anti-rabbit IgG secondary antibody was used.

Description

This antibody reacts to the Nucleocapsid Protein of SARS-CoV-2 (2019-nCov). No cross-reactivity to common SARS coronaviruses observed. It can be used as the capture antibody in a Sandwich ELISA assay withÂ clone RMH03 monoclonal antibody.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant SARS-CoV-2 Nucleocapsid Protein antibody may be required due to differences in protocols and secondary/substrate sensitivity.

The binding activity of N protein with anti-N protein antibody was verified with the sensitivity of 0.1-0.3 ng/ml.

Immunogen

A recombinant 2019-nCov Nucleocapsid Protein expressed in E.coli was used as the immunogen for the recombinant SARS-CoV-2 Nucleocapsid Protein antibody.

Storage

Store the recombinant SARS-CoV-2 Nucleocapsid Protein antibody at -20oC.