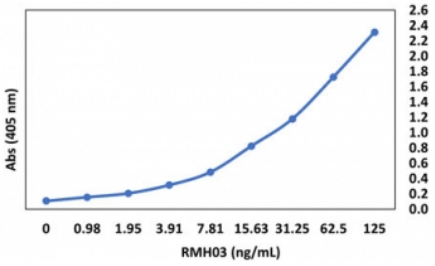
Human Chimeric SARS-CoV-2 Nucleocapsid Protein Antibody (2019-nCov) [clone RMH03] (R20480)

Catalog No.	Formulation	Size
R20480-100UG	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
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Chimeric (this antibody is recognized only by an anti-Human IgG secondary antibody)
Clone Name	RMH03
Purity	Protein A purified from animal origin-free supernatant
Applications	Use At An Assay Dependent Concentration :
Limitations	This recombinant rabbit-human chimeric SARS-CoV-2 Nucleocapsid Protein antibody is available for research use only.



Binding curve of anti-NP (2019-nCov) monoclonal antibody RMH03 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 recombinant rabbit-human chimeric SARS-CoV-2 Nucleocapsid Protein antibody. For detection, AP-conjugated goat anti-human IgG secondary antibody was used.

Description

This antibody is a Rabbit-Human Chimeric antibody made by fusion of the antigen binding region (variable domains of the heavy and light chains, VH and VL) of a rabbit anti-NP(2019-nCov) monoclonal antibody with the constant domain of Human IgG1. It reacts to Nucleocapsid Protein of SARS-CoV-2 (2019-nCov). No cross-reactivity to common SARS coronaviruses observed. It can be used as the detect antibody in a Sandwich ELISA assay withÃ‚Â clone RM420 monoclonal antibody. **This antibody is recognized only by an anti-Human IgG secondary antibody.**

Application Notes

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

Immunogen

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

Storage

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