

Product Datasheet

Anti-Covid-19 & SARS-CoV Nucleoprotein [CR3018 (03-018)] (orb669769)

Catalog Number	orb669769
Category	Antibodies
Description	Mouse monoclonal antibody to Covid-19 & SARS-CoV Nucleoprotein
Target	Covid-19 & SARS-CoV Nucleoprotein
Clonality	Monoclonal
Species/Host	Human
Isotype	Human IgG
Conjugation	Unconjugated
Reactivity	Virus
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	The original antibody was generated by cloning the variable regions of the scFvs selected from phage display libraries into separate vectors for IgG1 heavy-chain and light-chain expression. The harvested supernatants were then purified on protein A columns. The original immunogen was the whole irradiated virion.
UniProt ID	P59595, P0DTC9
Tested applications	ELISA, IF

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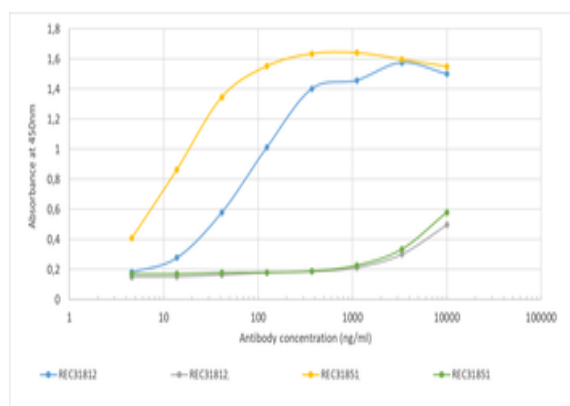
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Specificity	This antibody binds the amino acid residues between 11-19 of the N protein of the SARS CoV as well as SARS-CoV-2 (COVID-19) nucleocapsid protein.
Clone Number	CR3018 (03-018)
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Binding curve of anti-SARS-Cov-2 (COVID-19) & SARS-CoV Nucleoprotein antibody CR3018 (03-018) (orb669769) to SARS-CoV-2 Nucleoproteins (REC31812 and REC31851). ELISA Plate coated with SARS-CoV-2 Nucleoproteins (REC31812/REC31851; Native Antigen Company) at a concentration of 5 µg/ml. A 3-fold serial dilution from 10000 ng/ml was performed using orb669769. For detection, a 1:4000 dilution of HRP-labelled anti-rabbit antibody was used. Rabbit anti-Fluorescein [4-4-20 (enhanced)] antibody (orb256390) was used as a control.

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