

Product Datasheet

Anti-Covid-19 & SARS-CoV Nucleoprotein [CR3009 (03-009)] (orb669770)

Description	Mouse monoclonal antibody to Covid-19 & SARS-CoV Nucleoprotein
Species/Host	Human
Reactivity	Virus
Conjugation	Unconjugated
Tested Applications	ELISA, IF
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 antigen was the whole irradiated virion.
Target	Covid-19 & SARS-CoV Nucleoprotein
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
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
Isotype	IgG1
Clonality	Monoclonal
Clone Number	CR3009 (03-009)
Purity	Purified
Uniprot ID	P59595, P0DTC9

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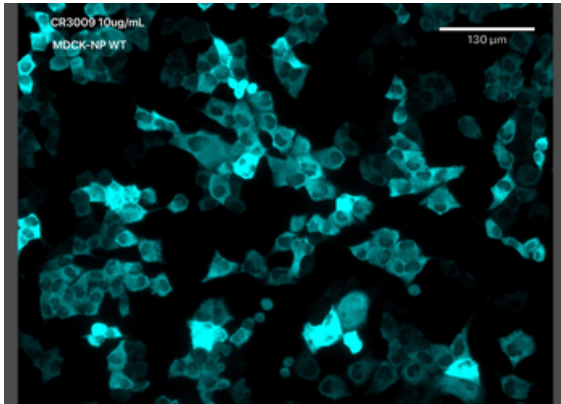
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Expiration Date

12 months from date of receipt.



Immunofluorescence staining of MDCK-SIAT1 cells transfected with SARS-CoV-2 NP with anti-Covid-19 & SARS-CoV Nucleoprotein antibody CR3009 (03-009). Immunofluorescence analysis of MDCK-SIAT1 cells stably transfected with SARS-CoV-2 NP. The cells were seeded in a flat bottomed 96 well plate overnight, fixed in 10% formalin at 4C for 30 min, permeabilised for 20 min at RT and then stained with the human IgG1 version of CR3009 (03-009) (orb669770) in PBS/0.1% BSA at 10 μ g/ml for 1 hour followed by a goat anti-human Alexa Fluor® 647 (Invitrogen) secondary antibody.

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