

SARS-CoV-2 Nucleocapsid Chimeric Recombinant Human Monoclonal Antibody (1A6)

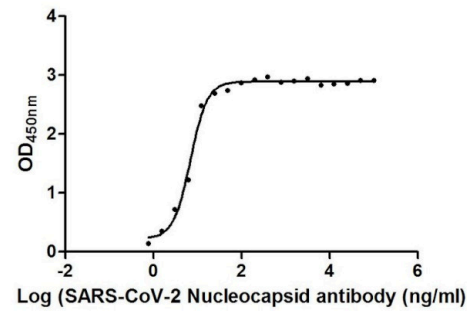
Product Details	
Size	100 µL
Species Reactivity	Virus
Host/Isotype	Human / IgG1, kappa
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	1A6
Conjugate	Unconjugated
Immunogen	Recombinant Human Novel Coronavirus Nucleoprotein (N) (1-419aa)
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.03% ProClin 300
Storage conditions	-20°C or -80°C if preferred
RRID	AB_2866554

Applications	Tested Dilution	Publications
ELISA (ELISA)	1:10,000-1:50,000	-
Lateral Flow (LF)	1:500-1:2,000	-

Product Specific Information

Recombinant anti-SARS-CoV-2 Nucleoprotein Mouse ScFv is expressed from 293 cells (HEK293). It is a chimeric monoclonal antibody combining the mouse variable regions with the constant domains of human IgG1.

Product Images For SARS-CoV-2 Nucleocapsid Chimeric Recombinant Human Monoclonal Antibody (1A6)



SARS-CoV-2 Nucleocapsid Chimeric Antibody (MA5-35942) in ELISA

A functional ELISA was performed to by immobilizing SARS-CoV-2-N at 2 µg/mL and using SARS-CoV-2 Nucleocapsid Chimeric Recombinant Monoclonal Antibody (Product # MA5-35942). The EC50 of the antibody is 6.094-7.691 ng /mL.



SARS-CoV-2 Nucleocapsid Chimeric Antibody (MA5-35942) in LF

In the Lateral Flow detection system the background of SARS-CoV-2 Nucleocapsid Chimeric monoclonal antibody (Product # MA5-35942) is clean. The detection limit can be as low as 446.4 ng/mL (31.25 ng/0.07mL), and the sensitivity is exceptional.

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