

Product datasheet for **TA355143**

SARS-CoV-2 N Protein Mouse Monoclonal Antibody [Clone ID: 6F10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6F10
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB 0.1-1 µg/ml, Indirect ELISA 0.2-2 µg/ml as detecting antibody, Sandwich ELISA 2 µg/ml, IHC (not recommended without antigen retrieval)
Reactivity:	SARS-CoV-2
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Synthetic peptide targeting amino acids 300-400 of SARS-CoV-2 nucleoprotein
Formulation:	0.01 M Tris-HCl, pH 8.0, 0.15 M NaCl, 0.02% sodium azide
Purification:	Purified from ascites by Protein G column, > 95% based on SDS-PAGE
Conjugation:	Unconjugated
Storage:	Store at -20°C. Product is stable for 6 weeks at 2 -8°C as undiluted liquid. Prepare fresh dilutions for every new experiment. Avoid freeze / thaw cycles
Background:	Coronaviruses (CoV) are a large group of enveloped positive-sense RNA viruses. They belong to subfamily Coronavirinae, in the family of Coronaviridae, of the order of Nidovirales. The Coronavirus genome is about 30 kb in length and encodes four structural proteins, namely, spike (S), envelope (E), membrane (M) and nucleocapsid (N), multiple non-structural proteins and other accessory proteins. Coronaviruses infect humans as well as a number of mammalian and avian species. Of the six Coronaviruses that infect humans, SARS-CoV and MERS-CoV cause severe respiratory disease in humans. Current research is aimed at identifying anti-viral targets and develop drugs and vaccines to inhibit viral replication.



[View online »](#)

Product images:

