

10-10007: Monoclonal Antibody to SARS-CoV-2 Spike Protein

Clonality :	Monoclonal
Clone Name :	ABM19C9
Application :	ELISA, WB
Uniprot ID :	P0DTC2
Format :	Purified
Alternative Name :	nCov, Sars-Cov-2
Isotype :	Mouse IgG
Immunogen Information :	A partial length recombinant coronavirus Spike Protein from the C-term S2 region was used as the immunogen for this antibody. (988AA-1152AA)

Product Info

Amount :	25µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

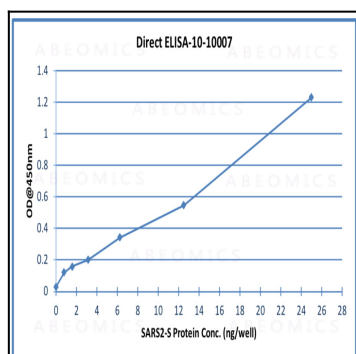


Fig.1: Wells of a 96-microtiter plate were coated with different concentration of a mammalian expressed full-length SARS-Co2/Covid2019/nCov Spike protein. The binding was detected by addition of 200 ng 10-10007 monoclonal antibody per well. The reactivity was detected by a HRP-conjugated goat-anti-mouse IgG monoclonal antibody.

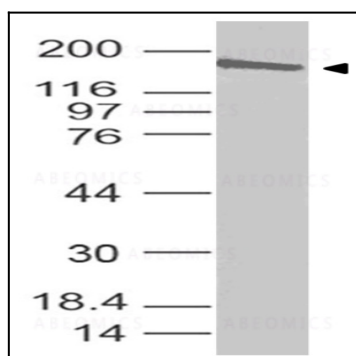


Fig. 2: Western Blot analysis of spike antibody: Anti- Spike antibody (COVID-19) (Clone: ABM19C9) was used at 1 µg/ml on mammalian expressed full-length COVID-19 Spike protein (50ng/ lane).