

11-2001: Polyclonal Antibody to SARS-CoV-2 Spike Protein

Clonality :	Polyclonal
Application :	ELISA, WB
Uniprot ID :	P0DTC2
Format :	Purified
Alternative Name :	nCov, Sars-Cov-2
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant coronavirus Spike Protein (amino acids 970-985) was used as the immunogen for this antibody.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Purification
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.

Application Note

Recommended dilutions: WB: 2-4 µg/ml. However, this need to be optimized based on the research applications.

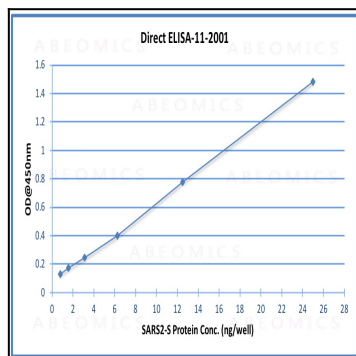


Fig.1: Wells of a 96-microtiter plate were coated with different concentration of a mammalian expressed full-length SARS-Cov-2/nCov/COVID-19 Spike protein. The binding was detected by addition of 200 ng 11-2001 polyclonal per well. The reactivity was detected by a HRP-conjugated goat-anti-rabbit polyclonal antibody.

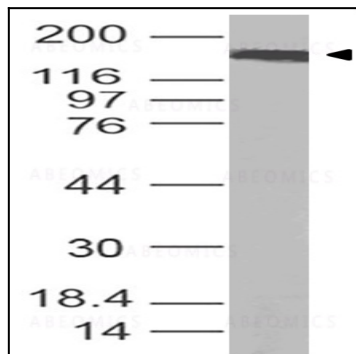


Fig.2: Western Blot analysis of spike antibody: Anti- Spike antibody (COVID-19) was used at 2 µg/ml on mammalian expressed full-length COVID-19 Spike protein (150ng/ lane).