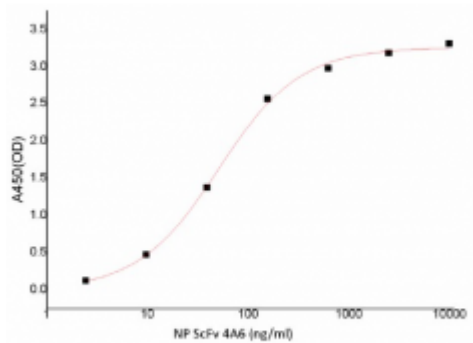


Recombinant anti-2019-nCoV NP ScFv antibody



Description

Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

Model	STJ61042
Reactivity	Human
Applications	ELISA
Specificity	Antibody recognizes 2019-nCoV Nucleocapsid Protein
Purification	Greater than 95% purity
Clone ID	4A6
Note	FOR RESEARCH USE ONLY (RUO)
Clonality	Monoclonal
Formulation	20mM PB, 150mM NaCl, pH 7.4.
Concentration	5.0 mg/ml (+/- 10 %)
Storage Instruction	2 years from manufacture at -20 °C or 1 month at 2-8 °C under sterile conditions.

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