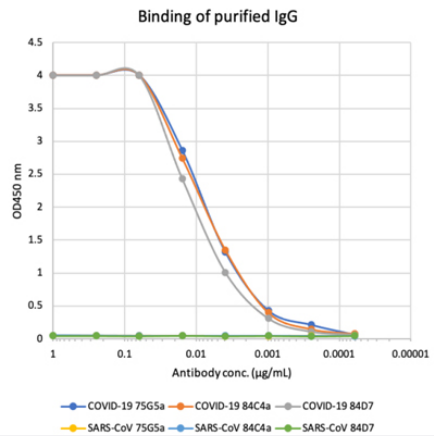
HuPro® Full-Length

N (SARS-CoV-2) Recombinant Protein

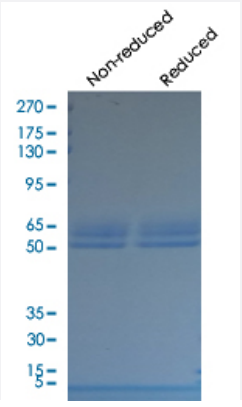
Catalog # P6687 Size 200 uL

Applications



Enzyme-linked Immunoabsorbent Assay

Microtiter wells were coated with N (SARS-CoV-2) Recombinant Protein (Cat # P6687) and SARS-CoV NP at 1 ug/mL. Purified recombinant rabbit monoclonal antibodies 75G5a (Cat # RAB01053), 84C4a (Cat # RAB01055), and 84D7 (Cat # RAB01057) were serially diluted 1:2 starting at 1 ug/mL. Recombinant rabbit monoclonal antibodies 75G5a, 84C4a, and 84D7 show very strong and specific binding to SARS-CoV-2 NP antigen, with no significant cross-reactivity to SARS-CoV NP antigen.



Specification

Product Description	SARS-CoV-2 N (P0DTC9) full-length recombinant protein with His tag at C-terminal expressed in HE K293 cells.
Host	Human
Form	Liquid

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Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ni-NTA column
Concentration	0.5 mg/mL
Quality Control Testing	SDS-PAGE analysis under reduced and non-reduced conditions.
Recommend Usage	ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In 1X PBS (0.02% sodium azide).
Storage Instruction	Store at 4°C.
Note	N (SARS-CoV-2) Recombinant Protein (Cat # P6687) is used as control antigen for assays using re combinant rabbit monoclonal antibody clones 75G5a (Cat # RAB01053), 84C4a (Cat # RAB01055), 84D7 (Cat # RAB01057), and 85C1 (Cat # RAB01059) including in biotinylated format clones 75G5 a (Cat # RAB01054), 84C4a (Cat # RAB01056), 84D7 (Cat # RAB01058), and 85C1 (Cat # RAB0 1060). These antibodies can be paired in sandwich detection assay and used to detect NP antigen f rom SARS-CoV-2 with high sensitivity (to 2.5 pg) and high specificity. This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

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