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Rabbit anti-SARS-CoV-2 S2-C pAb

Catalog #: 0374-001

Description:
Affinity-purified rabbit polyclonal antibody reactive to S2 subunit in Western blot and ELISA.

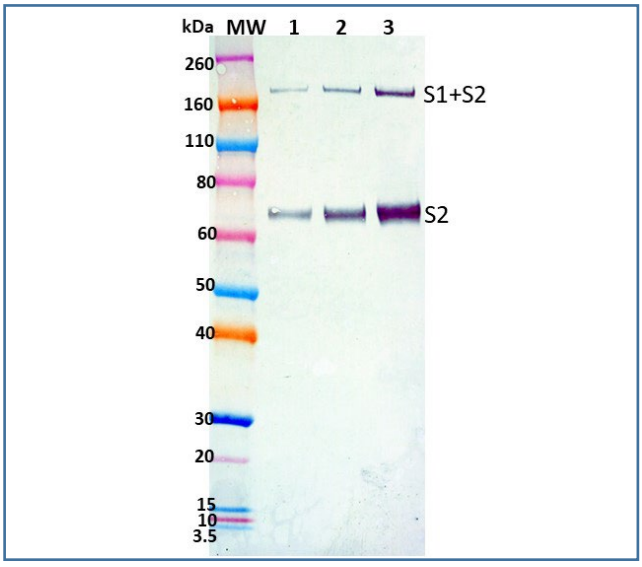
Immunogen/ Target:
Peptide sequence specific to SARS-CoV-2 Spike protein, near the C-terminus of S2.

Formulation & Storage: Supplied in PBS. **Store at** -20°C for 2-3 weeks, -80°C for long term.

Notes & Usage Guidelines:
Clonality/Isotype: Polyclonal; N/A
Host: Rabbit
ELISA: Assay-dependent dilution
WB: Assay-dependent dilution

Applications

Western Blot Data:
Spike protein at 25, 50 and 100 ng (lanes 1-3) under reduced condition, was detected using rabbit pAb at 100 ng/mL and visualized using an anti-rabbit IgG-HRP conjugate and TMB membrane substrate.



ELISA Data:
Spike protein was diluted to 1.5 µg/mL in PBS for plate coating. Rabbit pAb was serially diluted semi-log and incubated on the coated plates. Washed plates were detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD_{650} is reported below.

Rabbit Pab (µg/mL)	OD650
32.600	3.475
10.309	3.286
3.260	2.924
1.031	2.136
0.326	1.209
0.103	0.511
0.033	0.208
0.010	0.111
0.003	0.073
0.001	0.066
0.000	0.057

Certificate of analysis:
A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

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