



IBT BIOSERVICES

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Rabbit anti-SARS-CoV-2 RBD pAb

Catalog #: 0373-001

Lot #: 2007005

Immunogen: Peptide sequence specific to the Receptor Binding Domain (RBD) of SARS-CoV-2 Spike protein

Description: Affinity-purified rabbit polyclonal antibody reactive to SARS-CoV-2 RBD in Western blot and ELISA.

Supplied: 100 µg is supplied in PBS at a concentration of 2.485 mg/mL.

Raised in: Rabbits

Purification: Antibody is affinity-purified using immobilized immunogen.

Clonality: Polyclonal

Recommended Dilutions:

ELISA: Assay-dependent dilution

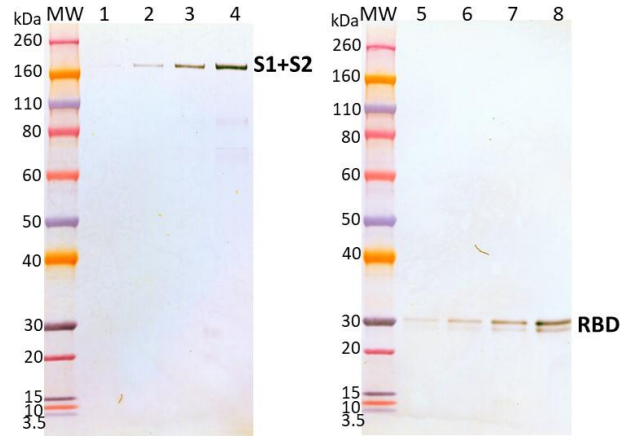
WB: Assay-dependent dilution.

Storage: 2-3 weeks -20°C, -80°C long term

Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

Western Blot Data:



SARS-CoV-2 Spike protein at 25, 50, 100 and 200 ng (lanes 1-4) and RBD protein at 25, 50, 100 and 200 ng (lanes 5-8) tested under reduced condition, were detected using rabbit pAb at 500 ng/mL and visualized using an anti-rabbit IgG-HRP conjugate and TMB membrane substrate.

ELISA Data:

Rabbit Pab (µg/mL)	Coating Antigen	
	Spike protein	RBD
27.600	2.873	3.515
8.728	2.179	3.167
2.760	1.384	2.615
0.873	0.821	1.712
0.276	0.373	0.796
0.087	0.195	0.319
0.028	0.092	0.154
0.009	0.063	0.077
0.003	0.054	0.055
0.001	0.054	0.048
0	0.051	0.044
	OD₆₅₀	

Spike and RBD proteins were 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. OD₆₅₀ is reported above.

Intended for research use only, not for human, therapeutic, or diagnostic applications.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, Inc.

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