

Antibody Datasheet

Name: Rabbit IgG Anti SARS-CoV-2 Spike (S1) RBD Polyclonal Antibody

Product Code: PAB21476-100 / PAB21476-500

Batch #: 20100110

Date of Manufacture: 01-OCT-2020

Product Description: Rabbit polyclonal to SARS-CoV-2 receptor binding domain (RBD).

Isotype: IgG

Amount: 0.1 mg / 0.5 mg

Concentration: 1.0 mg/ml

Presentation: Liquid

Buffer: PBS, 0.2µm filtered.

Preservative: 0.09% Sodium Azide

Immunogen: SARS-CoV-2 RBD (REC31882)

Purification: Immobilised Protein A affinity column

Specificity: SARS-CoV-2 receptor binding domain (RBD). Antibody does not cross-react in ELISA with HCoV-229E full-length spike protein (REC31880).

Applications: ELISA, WB

Usage Guidelines

Short Term Storage: +4°C

Long Term Storage: -20°C

Storage Guidelines: Avoid freeze-thaw cycles

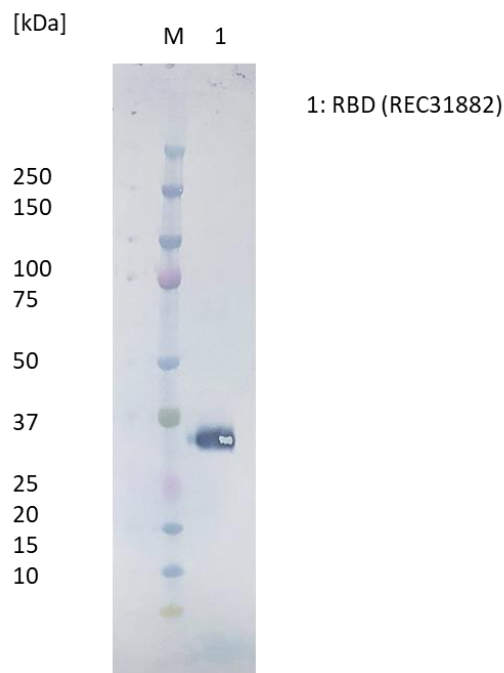
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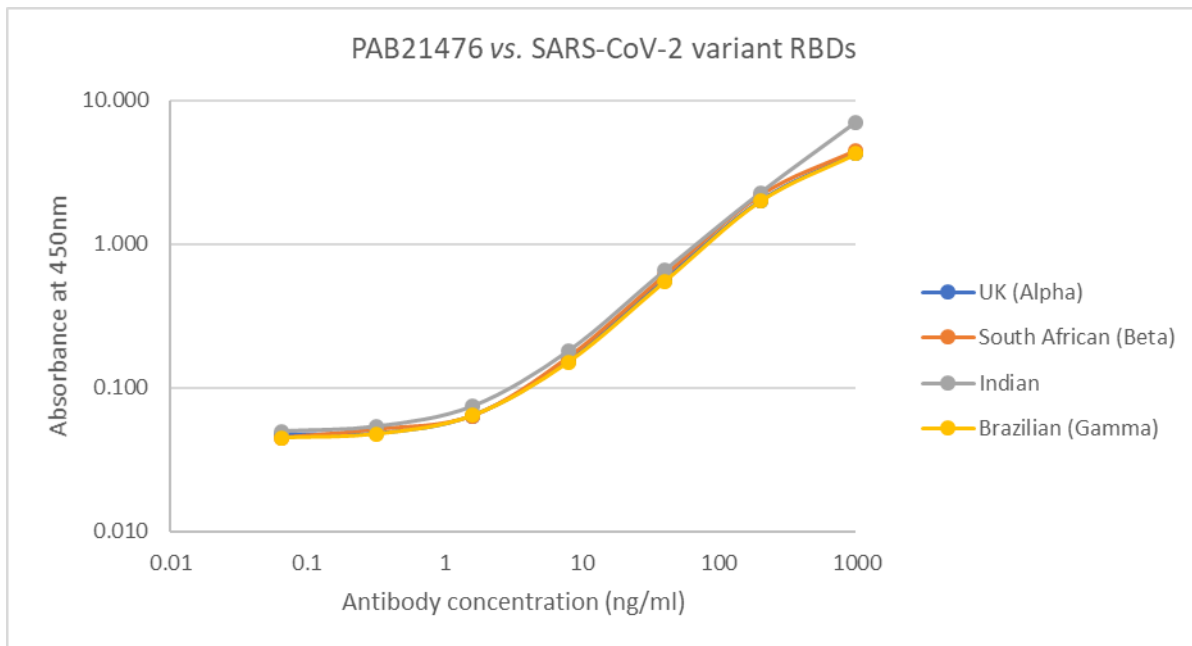
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Western Blot: RBD protein (50ng) loaded onto Novex 4-12% Bis-Tris gel, alongside Kaleidoscope marker (BioRad), and separated at 200V for 50 min. Polyclonal antibody added at 1mg/ml (1:1000) and secondary antibody (STAR124P) added at 1mg/ml (1:1000).



Direct ELISA: Plate was coated with 100µl of variant RBD proteins (UK, REC31946; South African, REC31945; Indian, REC31971; Brazilian, REC31961), at 1µg/ml and then incubated with 100µl PAB21476 antibody, diluted from 1000ng/ml to 0.064ng/ml. Diluted secondary IgG HRP antibody (100µl at 1:10,000) was then added. 100µl of TMB substrate (M0701A) was added in all wells and the reaction stopped after 10 min. with 1M HCl and the plate read at 405/450nm.



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QC

X

QA

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.

