

# Product Datasheet

## **SARS-CoV-2 Spike Antibody - Delta Variant, B.1.617.2, India - BSA Free NBP3-12853**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-12853**

SARS-CoV-2 Spike Antibody - Delta Variant, B.1.617.2, India - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

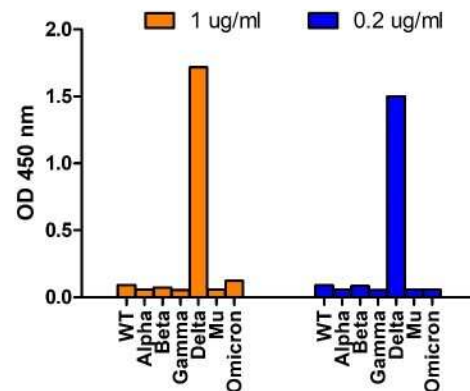
Product Description	
Description	Novus Biologicals Rabbit SARS-CoV-2 Spike Antibody - Delta Variant, B.1.617.2, India - BSA Free (NBP3-12853) is a polyclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	43740568
Gene Symbol	S
Species	SARS-CoV-2
Specificity/Sensitivity	Antibody can only detect SARS-CoV-2 Delta Variant (B.1.617.2) Spike S1 protein and does not cross-react with the spike protein of other variants.
Immunogen	Anti-SARS-CoV-2 Spike 156-157EFdel (Delta Variant) antibody was raised against a peptide corresponding to 11 amino acids near the amino terminal domain of SARS-CoV-2 Delta variant (B.1.617.2) Spike protein. The immunogen is located within 130-180 amino acids of SARS-CoV-2 Delta variant (B.1.617.2) Spike protein.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1 ug/ml, ELISA
Application Notes	Antibody validated: Western Blot in human samples. Anti-SARS-CoV-2 Spike 156-157EFdel (Delta Variant) antibody specifically detects SARS-CoV-2 Delta Variant (B.1.617.2) Spike S1 protein, but not SARS-CoV-2 WT and other variant Spike S1 protein by ELISA. All other applications and species not yet tested.

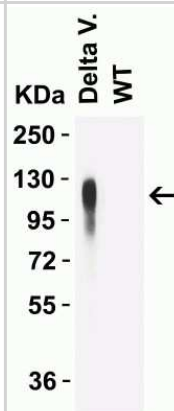


## Images

ELISA: SARS-CoV-2 Spike Antibody - Delta Variant, B.1.617.2, India [NBP3-12853] - SARS-Cov-2 Spike 156-157Efdel ( Delta Variant ) Antibodies Specifically Detect Delta Variant Spike S1 Protein in an ELISA. Coating Antigen: SARS-CoV-2 spike S1 proteins WT, alpha variant (B.1.1.7), beta variant (B.1.351), gamma variant (P.1), delta variant (B.1.617.2), mu variant (B.1.621), and omicron variant (B.1.1.529), 1 ug/mL, incubated at 4 C overnight. Detection Antibodies: SARS-CoV-2 Delta Variant Spike antibody, NBP3-12853, dilution: 200 and 1000 ng/mL, incubated at RT for 1 hr. Secondary Antibodies: Goat anti-rabbit HRP at 1:20,000, incubated at RT for 1 hr.



Western Blot: SARS-CoV-2 Spike Antibody - Delta Variant, B.1.617.2, India [NBP3-12853] - WB Validation of of Delta Variant Spike S1 Antibodies with SARS-CoV-2 Delta Variant Spike S1 Protein. Loading: 50 ng of SARS-CoV-2 spike S1 proteins, including WT and Delta variant (B.1.617.2). Detection Antibodies: SARS-CoV-2 Delta Variant Spike antibody, NBP3-12853, 1 ug/mL, incubated at RT for 1 hr. Secondary Antibodies: Goat anti-rabbit HRP at 1:20,000, incubated at RT for 1 hr. SARS-CoV-2 Delta Variant Spike antibody (NBP3-12853) specifically detects Delta variant spike S1 protein, but not WT spike S1 protein.





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### **Products Related to NBP3-12853**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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