

SARS-CoV-2 Spike P681H Antibody (Alpha, Mu Variant)

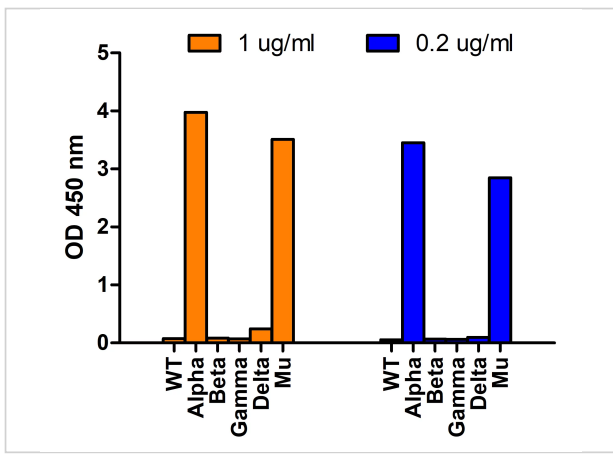
CATALOG NUMBER: 9359

Specifications

Host Species	Rabbit
Species Reactivity	Virus
Homology	Predicted reactivity based on immunogen sequence: SARS-CoV Spike proteins: (25%)
Immunogen	Anti-SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike P681H Antibody (9359) was raised against a peptide corresponding to 12 amino acids near the center of SARS-CoV-2 UK variant (B.1.1.7) Spike protein. The immunogen is located within 650-700 amino acids of SARS-CoV-2 UK variant (B.1.1.7) Spike protein.
Conjugate	Unconjugated
Tested Applications	E, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	May cross-react with several virus of interest (VOI) variant lineages that contains P681H mutation, including B.11.318, B.1.621, B.1.621.1, P.3. But all of these lineages are rarely present in current pandemic.

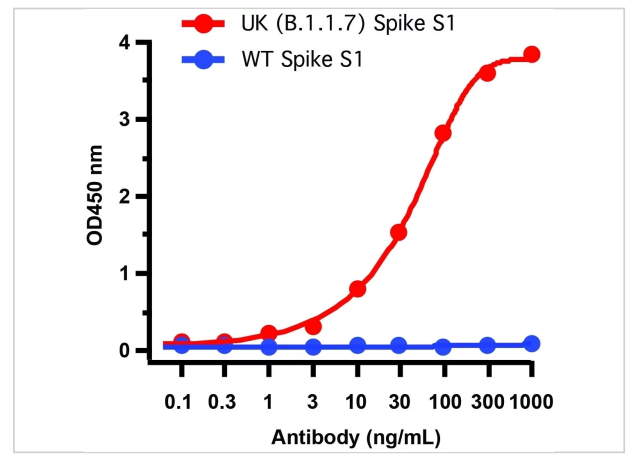
Properties

Purification	SARS-CoV-2 (COVID-19) Alpha Variant (B.1.1.7, UK) Spike P681H Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



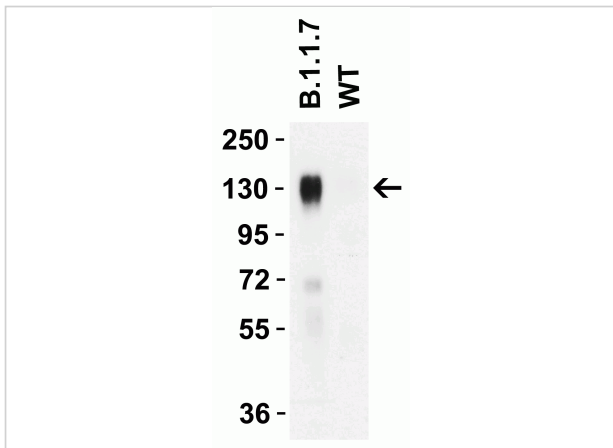
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Figure 1 ELISA Validation of Alpha Variant Spike Antibodies with Spike S1 Protein of SARS-CoV-2 Variants
Coating Antigen: SARS-CoV-2 spike S1 proteins WT, alpha variant (B.1.1....



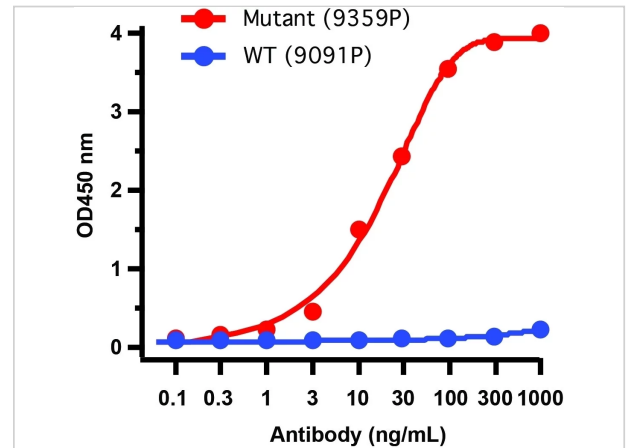
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Figure 2 ELISA Validation of P681H Mutant Specific Spike Antibodies with SARS-CoV-2 UK Variant Spike S1 Protein
Coating Antigen: SARS-CoV-2 spike S1 proteins, including WT and ...



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Figure 3 WB Validation of P681H Mutant Specific Spike Antibodies with SARS-CoV-2 UK Variant Spike S1 Protein
Loading: 50 ng of SARS-CoV-2 spike S1 proteins, including WT and UK...



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Figure 4 ELISA Validation of P681H Mutant Specific Spike Antibodies with Mutant and WT Peptide
Coating Antigen: SARS-CoV-2 spike S1 peptides, including WT and UK variant (B.1.1...

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.
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