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## Product Datasheet

**SARS-CoV-2 (COVID-19) Spike 681P Antibody  
[8G10B1] (orb1239047)**

**Description**

SARS-CoV-2 (COVID-19) Spike 681P Antibody

**Species/Host**

Mouse

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, WB

**Immunogen**

Anti-SARS-CoV-2 (COVID-19) Spike 681P antibody (orb1239047) was raised against a peptide corresponding to 12 amino acids near the center of SARS-CoV-2 Spike protein. The immunogen is located within 650-700 amino acids of the SARS-CoV-2 Spike protein.

**Target**

S

**Preservatives**

Anti-SARS-CoV-2 Spike 681P antibody is supplied in PBS containing 0.02% sodium azide.

**Form/Appearance**

Liquid

**Concentration**

1 mg/mL

**Storage**

SARS-CoV-2 Spike 681P 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.

**Note**

For research use only

**Isotype**

IgG3

**Clonality**

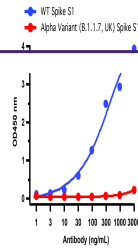
Monoclonal

**Uniprot ID**
**P0DTC2**
**NCBI**
**QHD43416**
**Dilution Range**

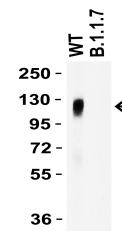
WB: 1 µg/mL. Antibody validated: Western Blot in human samples. Anti-SARS-CoV-2 Spike 681P antibody can detect SARS-CoV-2 WT Spike S1 protein, but not SARS-CoV-2 Alpha Variant (B.1.1.7, UK) S1 protein by ELISA and WB. It can also detect WT peptide (681P), but not mutant peptide (681H). All other applications and species not yet tested.

**Expiration Date**

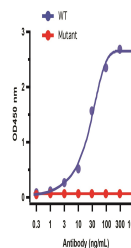
12 months from date of receipt.



ELISA Validation of Spike 681P Antibodies...



WB Validation of Spike 681P Antibodies W...



ELISA Validation of Spike 681P Antibodies...