Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Clone 2TP1D10 (produced in vitro)

Catalog No. NR-55297
This reagent is the property of the U.S. Government.

For research use only. Not for use in humans.

Contributor and Manufacturer:
BEI Resources

Product Description:
Antibody Class: IgG1κ
Clone: 2TP1D10
Monoclonal antibody prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein receptor binding domain (RBD) was purified from clone 2TP1D10 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0 mouse myeloma cells with splenocytes from immunized mice.

Material Provided:
Each vial of NR-55297 contains approximately 100 µL of purified monoclonal antibody in phosphate buffered saline (PBS). The concentration, expressed as milligrams per milliliter, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-55297 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-55297 is functional in ELISA assays and is non-neutralizing, as tested by cPass SARS-CoV-2 neutralization antibody detection kit (Genescript® L00847).

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Clone 2TP1D10 (produced in vitro), NR-55297.”

Biosafety Level: 1

Disclaimers:
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