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Anti-2019-nCoV Nucleoprotein (N-4), clone 11D5

(mouse monoclonal IgG)

Catalog # 05-0154

Immunogen: synthetic peptide (PKKDKKKKADETQALPQRQKK a.a.368-388) of SARS-CoV2/COVID-19 N protein.

Specificity: Recognizes the 2019-nCoV N protein specifically, with minimum cross reactivity with the N proteins from SARS and MERS.

Formulation: 0.5mg of mouse monoclonal IgG in
of 0.01M Tris-HCl, pH 8.0, 0.15M NaCl
Protein was determined by OD₂₈₀ absorbance.

Physical State: Frozen liquid

Purity: > 95% based on SDS-PAGE

Storage: Store the product at -20 °C .
Product is stable for about 6 weeks at
2-8 °C as an undiluted liquid. Prepare
working dilution fresh each day. Avoid
repeated freezing and thawing.

**FOR IN VITRO RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Research Applications

Indirect ELISA: to be used at 0.05~1µg/ml.

Western Blot: to be used at 0.1~1µg/ml

Sandwich ELISA: to be used at 0.25~1µg/ml as detecting antibody

Immunohistochemistry: not recommended without antigen retrieve.
