German Research Products - GRP GmbH
In der Stockwiese 26
D-85410 Haag/Amper, Germany
Email: info@grp-ak.de
Phone: +49 (0)8167 6335

# Product Datasheet

## Mouse anti-SARS & COVID-19 coronavirus, nucleoprotein, Monoclonal Antibody, Unconjugated

### GRP1060

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|---|---|
| **Species/Host** | Mouse |
| **Conjugation** | Unconjugated |
| **Sensitivity** | Specific for the nucleoprotein of the SARS virus (IFA, ELISA) and COVID-19 virus (ELISA). Reactive with the NP of COVID-19 virus by ELISA. Negative for human coronaviruses 229E & OC43. |
| **Tested Applications** | ELISA, IF |
| **Form/Appearance** | 0.01 M phosphate buffered saline, pH 7.2. This product contains no stabilizing proteins. THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES NA NA 1943 NA NA NA NA III. Fluorescein Conjugates Product No.'s These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES Comments: Best ELISA pairs: (capture/probe): 1941 / 1949 1946 / 1949 IgG2a IgG1 IgG1 IgG1 IgG1 IgG1 IgG1 Ig class no stabilizing proteins |
| **Concentration** | 100 ug/1 ml |
| **Preservatives** | 0.1% sodium azide |
| **Storage** | 2-8°C |
| **Note** | For research use only. |
| **Isotype** | IgG |
| **Clonality** | Monoclonal |
| **Purity** | Affinity purified |
| **Application Notes** | Purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use. Working dilution must be determined by the user. |