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## Product Datasheet

### **SARS-CoV / SARS-CoV-2 (COVID-19) spike antibody [CR3022], IgG1, Unconjugated, Human, Monoclonal GTX01555**

|                          |                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | SARS-CoV / SARS-CoV-2 (COVID-19) spike antibody [CR3022], IgG1,<br>Unconjugated, Human, Monoclonal                                 |
| Artikelnummer            | GTX01555                                                                                                                           |
| Hersteller Artikelnummer | GTX01555                                                                                                                           |
| Alternativnummer         | GTX01555-100                                                                                                                       |
| Hersteller               | GeneTex                                                                                                                            |
| Wirt                     | Human                                                                                                                              |
| Kategorie                | Antikörper                                                                                                                         |
| Applikation              | ELISA, NeA                                                                                                                         |
| Spezies Reaktivität      | Virus                                                                                                                              |
| Immunogen                | The original monoclonal antibody was generated by sequencing peripheral<br>blood lymphocytes of a patient exposed to the SARS-CoV. |
| Konjugation              | Unconjugated                                                                                                                       |

|                     |                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Produktbeschreibung | SARS-CoV / SARS-CoV-2 (COVID-19) spike antibody [CR3022] binds to both SARS-CoV and SARS-CoV-2 with high affinity (PMID: 16796401 & 32065055). The initial characterization of the binding of this antibody was performed by ELISA and indicates potential...   |
| Klonalität          | Monoclonal                                                                                                                                                                                                                                                      |
| Konzentration       | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                                                        |
| Klon-Bezeichnung    | [CR3022]                                                                                                                                                                                                                                                        |
| Isotyp              | IgG1                                                                                                                                                                                                                                                            |
| Sensitivitaet       | This antibody binds the amino acids 318-510 in the S1 domain of the SARS-CoV Spike protein as well as SARS-CoV-2 (COVID-19) Spike protein. The antibody also binds to P462L-substituted S318-510 fragments of the SARS spike protein. The binding epitope is on |
| Tag                 | Recombinant antibody                                                                                                                                                                                                                                            |
| NCBI                | <a href="#">1489668</a>                                                                                                                                                                                                                                         |
| UniProt             | <a href="#">P59594</a>                                                                                                                                                                                                                                          |
| Puffer              | PBS, 0.02% ProClin 300.                                                                                                                                                                                                                                         |
| Reinheit            | Protein A purified                                                                                                                                                                                                                                              |
| Formulierung        | Liquid                                                                                                                                                                                                                                                          |