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## Product Datasheet

### **Spike protein (RBD) antibody, Clone: [Sb42], Unconjugated, Camelus, Monoclonal BYT-ORB759005**

|                            |                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Spike protein (RBD) antibody, Clone: [Sb42], Unconjugated, Camelus, Monoclonal                                                                                                                                      |
| Biozol Catalog Number      | BYT-ORB759005                                                                                                                                                                                                       |
| Supplier Catalog Number    | orb759005                                                                                                                                                                                                           |
| Alternative Catalog Number | BYT-ORB759005-0.05                                                                                                                                                                                                  |
| Manufacturer               | Biorbyt                                                                                                                                                                                                             |
| Host                       | Camelus                                                                                                                                                                                                             |
| Category                   | Antikörper                                                                                                                                                                                                          |
| Application                | ELISA                                                                                                                                                                                                               |
| Species Reactivity         | Virus                                                                                                                                                                                                               |
| Immunogen                  | This clone was originally isolated in a form of a synthetic nanobody (sybody) via a target swap selection procedure against RBD-vYFP using ribosomal display and against RBD-Fc fusion during phage display rounds. |
| Conjugation                | Unconjugated                                                                                                                                                                                                        |
| Product Description        | Human monoclonal antibody to Spike protein (RBD)...                                                                                                                                                                 |
| Clonality                  | Monoclonal                                                                                                                                                                                                          |
| Clone Designation          | [Sb42]                                                                                                                                                                                                              |
| UniProt                    | <a href="#">P0DTC2</a>                                                                                                                                                                                              |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer            | PBS with 0.02% Proclin 300.                                                                                                                                                                                                                                    |
| Purity            | Purified                                                                                                                                                                                                                                                       |
| Target            | Spike protein (RBD)                                                                                                                                                                                                                                            |
| Application Notes | This antibody is recommended for detection of SARS CoV 2 or 2019-nCoV. Its high specificity to the novel coronavirus SARS-Cov-2 was confirmed via ELISA testing (Walter et al., 2020). Furthermore, grating-coupled interferometry demonstrated that this anti |