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## Product Datasheet

### **CFTR (Cystic Fibrosis Transmembrane Conductance Regulator) (CFTR/1644), 0.2mg/mL, IgG1, Clone: [CFTR/1644], Mouse, Monoclonal BOT-BNUB1644-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CFTR (Cystic Fibrosis Transmembrane Conductance Regulator) (CFTR/1644), 0.2mg/mL, IgG1, Clone: [CFTR/1644], Mouse, Monoclonal                                                                                                                                 |
| Biozol Catalog Number      | BOT-BNUB1644-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1644-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1644-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human CFTR fragment (aa258-385) (exact sequence is proprietary)                                                                                                                                                                                   |
| Product Description        | This antibody recognizes a protein of 165-170 kDa, identified as cystic fibrosis transmembrane conductance regulator (CFTR). CFTR is composed of two membrane-spanning domains (MSD), two nucleotide-binding domains (NBD), and an R domain. It is structu... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [CFTR/1644]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 165-170 kDa                                                                                                                                                                                                                                                   |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt           | <a href="#">P13569</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes | For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry |