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## Product Datasheet

### **Cyclooxygenase-2 (COX-2)(COX2/1941), 0.2mg/mL, Clone: [COX2/1941], Mouse, Monoclonal BOT-BNUB2377-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Cyclooxygenase-2 (COX-2)(COX2/1941), 0.2mg/mL, Clone: [COX2/1941], Mouse, Monoclonal                                                                                                                                                                          |
| Biozol Catalog Number      | BOT-BNUB2377-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB2377-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB2377-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human COX2 protein fragment (around aa 442-572) (exact sequence is proprietary)                                                                                                                                                                   |
| Product Description        | Prostaglandins are a diverse group of autocrine and paracrine hormones that mediate many cellular and physiologic processes. Prostaglandin H2 (PGH2) is an intermediate molecule in formation of the prostaglandins. Cyclooxygenase-1 (Cox-1) and cyclooxy... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [COX2/1941]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 70-72 kDa                                                                                                                                                                                                                                                     |
| UniProt                    | <a href="#">P35354</a>                                                                                                                                                                                                                                        |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |