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## Product Datasheet

### Recombinant Cyclooxygenase-2 (COX-2) Antibody, Clone: [COX2/3232R], Rabbit, Monoclonal NBT-5743-RBM3-P0

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Cyclooxygenase-2 (COX-2) Antibody, Clone: [COX2/3232R], Rabbit, Monoclonal                                                                                                                                                                        |
| Biozol Catalog Number      | NBT-5743-RBM3-P0                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 5743-RBM3-P0                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NBT-5743-RBM3-P0-20,NBT-5743-RBM3-P0-100                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Rabbit                                                                                                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| 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                                                                                                                                                                                                                                                    |
| Clone Designation          | [COX2/3232R]                                                                                                                                                                                                                                                  |
| Molecular Weight           | 70-72kDa                                                                                                                                                                                                                                                      |
| NCBI                       | <a href="#">5743</a>                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P35354</a>                                                                                                                                                                                                                                       |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                       |
| Antibody Type     | Recombinant Monoclonal Antibody                                                                                                                                                                                                                              |
| Application Notes | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes), Optimal dilution |