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## Product Datasheet

### EME1 Antibody, IgG1, Clone: [MTA31 7H2/1], Mouse, Monoclonal NBT-146956-MSM1-P1ABX

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | EME1 Antibody, IgG1, Clone: [MTA31 7H2/1], Mouse, Monoclonal                                                                                                                                                                                                  |
| Biozol Catalog Number      | NBT-146956-MSM1-P1ABX                                                                                                                                                                                                                                         |
| Supplier Catalog Number    | 146956-MSM1-P1ABX                                                                                                                                                                                                                                             |
| Alternative Catalog Number | NBT-146956-MSM1-P1ABX-100                                                                                                                                                                                                                                     |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, IHC, WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | His-tagged recombinant Eme1 of human origin                                                                                                                                                                                                                   |
| Product Description        | Essential meiotic endonuclease 1 (Eme1), a member of the Eme1/Mms4 family, associates with Mus81 to constitute a heterodimeric endonuclease that has been implicated in mitotic and meiotic recombination in eukaryotes. The Mus81-Eme1 complex cleaves br... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [MTA31 7H2/1]                                                                                                                                                                                                                                                 |
| Molecular Weight           | 65kDa                                                                                                                                                                                                                                                         |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |
| NCBI                       | <a href="#">146956</a>                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">Q96AY2</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     | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Application Notes | Immunoprecipitation (1-2ug per 100-500ug of total protein (1ml of cell lysate)), ,Western Blot (1-2ug/ml), Immunofluorescence (1-2ug/ml), ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires |