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## Product Datasheet

### **Microphthalmia Transcription Factor (MITF) Antibody, IgG1, Clone: [D5 + MITF/915], Mouse, Monoclonal NBT-4286-MSM4-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Microphthalmia Transcription Factor (MITF) Antibody, IgG1, Clone: [D5 + MITF/915], Mouse, Monoclonal                                                                                                                                                          |
| Biozol Catalog Number      | NBT-4286-MSM4-P1ABX                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 4286-MSM4-P1ABX                                                                                                                                                                                                                                               |
| Alternative Catalog Number | NBT-4286-MSM4-P1ABX-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | NH2 terminus fragment of human Mi protein (D5), Recombinant human MITF protein (MITF/915)                                                                                                                                                                     |
| Product Description        | MITF (microphthalmia transcription factor) is a basic helix-loop-helix-leucine-zipper (bHLH-Zip) transcription factor that regulates the development and survival of melanocytes and retinal pigment epithelium, and also is involved in transcription of ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [D5 + MITF/915]                                                                                                                                                                                                                                               |
| Molecular Weight           | 52-56kDa (doublet)                                                                                                                                                                                                                                            |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4286</a>                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">O75030</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 | 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 f |