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## Product Datasheet

### **MiTF (Microphthalmia Transcription Factor)(D5 + MITF/915), CF568 conjugate, 0.1mg/mL, Clone: [D5 MITF/915], Mouse, Monoclonal BOT-BNC680950-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MiTF (Microphthalmia Transcription Factor)(D5 + MITF/915), CF568 conjugate, 0.1mg/mL, Clone: [D5 MITF/915], Mouse, Monoclonal                                                                                                                                 |
| Biozol Catalog Number      | BOT-BNC680950-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC680950-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC680950-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | NH2 terminus fragment of human Mi protein (D5), Recombinant human MiTF protein (MITF/915)                                                                                                                                                                     |
| Conjugation                | CF568                                                                                                                                                                                                                                                         |
| 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                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [D5 MITF/915]                                                                                                                                                                                                                                                 |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 52-56 kDa (doublet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt           | <a href="#">O75030</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Does not react with mouse or rat, others not tested Immunohistology (formalin) Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user |