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## Product Datasheet

### **Fibronectin (8th Type III Repeat)(568), CF405S conjugate, 0.1mg/mL, Clone: [568], Mouse, Monoclonal BOT-BNC040351-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Fibronectin (8th Type III Repeat)(568), CF405S conjugate, 0.1mg/mL,<br>Clone: [568], Mouse, Monoclonal                                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNC040351-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040351-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040351-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | High molecular weight proteins secreted by cultivated human fibroblasts                                                                                                                                                                                       |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | The epitope of this antibody is located in the 8th type III repeat in the cell-binding region of fibronectin. Fibronectins are disulfide-linked, dimeric glycoproteins of ~440 kDa. They possess at least four binding sites for collagen, glycosaminoglyc... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [568]                                                                                                                                                                                                                                                         |

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 220 kDa (monomer), 440 kDa (dimer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UniProt           | <a href="#">P02751</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 Immunohistochemistry (formalin-fixed): 0.5-1 ug/mL for 30 minutes at RT Flow cytometry: 0.5-1 ug/million cells Immunofluorescence: 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris buffer with 1 mM EDTA pH 9.0 for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |