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## Product Datasheet

### **Spectrin beta III (SPTBN2) (SPTBN2/1584), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [SPTBN2/1584], Mouse, Monoclonal BOT-BNC041584-500**

|                            |  |
|----------------------------|--|
| Article Name               | Spectrin beta III (SPTBN2) (SPTBN2/1584), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [SPTBN2/1584], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNC041584-500  |
| Supplier Catalog Number    | BNC041584-500  |
| Alternative Catalog Number | BOT-BNC041584-500-500UL  |
| Manufacturer               | Biotium  |
| Host                       | Mouse  |
| Category                   | Antikörper   |
| Application                | FC, IF, IHC, WB  |
| Species Reactivity         | Human, Mouse, Rat  |
| Immunogen                  | Recombinant human SPTBN2 fragment (aa356-475) (exact sequence is proprietary)  |
| Conjugation                | CF405S   |
| Product Description        | Spectrin is an actin binding protein that is a major component of the plasma membrane skeleton. Spectrins function as membrane organizers and stabilizers by forming dimers, tetramers and higher polymers. Vertebrate spectrins have two alpha-subunits (...) |
| Clonality                  | Monoclonal   |
| Concentration              | 0.1 mg/mL  |
| Clone Designation          | [SPTBN2/1584]  |

|                   |  |
|-------------------|--|
| Molecular Weight  | 246 kDa  |
| Isotype           | IgG1   |
| UniProt           | <a href="#">O15020</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 Immunohistology (formalin): 0.5-1 ug/mL 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 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |