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## Product Datasheet

### **Spectrin beta III (SPTBN2) (SPTBN2/1584), CF647 conjugate, 0.1mg/mL, IgG1, Clone: [SPTBN2/1584], Mouse, Monoclonal BOT-BNC471584-500**

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Spectrin beta III (SPTBN2) (SPTBN2/1584), CF647 conjugate, 0.1mg/mL, IgG1, Clone: [SPTBN2/1584], Mouse, Monoclonal                                                                                                                                             |
| Artikelnummer            | BOT-BNC471584-500                                                                                                                                                                                                                                              |
| Hersteller Artikelnummer | BNC471584-500                                                                                                                                                                                                                                                  |
| Alternativnummer         | BOT-BNC471584-500-500UL                                                                                                                                                                                                                                        |
| Hersteller               | Biotium                                                                                                                                                                                                                                                        |
| Wirt                     | Mouse                                                                                                                                                                                                                                                          |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                     |
| Applikation              | FC, IF, IHC, WB                                                                                                                                                                                                                                                |
| Spezies Reaktivität      | Human, Mouse, Rat                                                                                                                                                                                                                                              |
| Immunogen                | Recombinant human SPTBN2 fragment (aa356-475) (exact sequence is proprietary)                                                                                                                                                                                  |
| Konjugation              | CF647                                                                                                                                                                                                                                                          |
| Produktbeschreibung      | 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 (...) |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                     |
| Konzentration            | 0.1 mg/mL                                                                                                                                                                                                                                                      |

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Klon-Bezeichnung       | [SPTBN2/1584]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molekulargewicht       | 246 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotyp                 | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt                | <a href="#">O15020</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Puffer                 | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung | <p>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</p> |