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## Product Datasheet

### Recombinant Spectrin beta III (SPTBN2) Antibody, IgG1, Clone: [rSPTBN2/1778], Mouse, Monoclonal NBT-6712-MSM10-P1ABX

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Spectrin beta III (SPTBN2) Antibody, IgG1, Clone:<br>[rSPTBN2/1778], Mouse, Monoclonal                                                                                                                                                             |
| Biozol Catalog Number      | NBT-6712-MSM10-P1ABX                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 6712-MSM10-P1ABX                                                                                                                                                                                                                                               |
| Alternative Catalog Number | NBT-6712-MSM10-P1ABX-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                             |
| Host                       | Mouse                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                     |
| Application                | ELISA, WB                                                                                                                                                                                                                                                      |
| Species Reactivity         | Human                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant fragment (around aa356-475) of human SPTBN2 protein (exact sequence is proprietary)                                                                                                                                                                |
| 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                                                                                                                                                                                                                                                     |
| Clone Designation          | [rSPTBN2/1778]                                                                                                                                                                                                                                                 |
| Molecular Weight           | 246kDa                                                                                                                                                                                                                                                         |
| Isotype                    | IgG1                                                                                                                                                                                                                                                           |

|                   |                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">6712</a>                                                                                                                                                   |
| UniProt           | <a href="#">O15020</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     | Recombinant Monoclonal Antibody                                                                                                                                        |
| Application Notes | ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA), Western Blot (1-2ug/ml), Optimal dilution for a specific application should be determined.              |