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| <b>Product name:</b>  | Tubulin beta-3 (12Z6) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cat number:</b>    | MABN80022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Size:</b>          | 100µL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration:</b> | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host:</b>          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype:</b>       | IgG1, Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen:</b>     | Synthesized peptide derived from human protein. AA range:400-450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity:</b>    | Human,Mouse (predicted: Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications:</b>  | WB 1:500-2000, ELISA 1:20000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification:</b>  | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>        | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage:</b>       | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Background:</b>    | tubulin beta 3 class III(TUBB3) Homo sapiens This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6 |