



## ?-Tubulin Mouse mAb

Cat No: HR1AM2225

For research use only

### Overview

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| Product Name          | ?-Tubulin Mouse mAb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications          | WB, IHC, IF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species Reactivity    | Zebrafish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Recommended Dilutions | WB 1:5,000-20,000 IHC 1:200 IF 1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species               | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage               | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype               | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality             | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration         | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Observed band         | 55kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| GeneID?Human?         | 203068                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cellular localization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Names     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Background            | Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha- and beta-tubulin, each of about 55,000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. However it should be noted that levels of ?-Tubulin may not be stable in certain cells. For example, expression of ?-Tubulin in adipose tissue is very low and therefore ?-Tubulin should not be used as loading control for these tissues. |