

## Product Data Sheet

## Anti-Beta-tubulin Antibody

| Catalog #                | Source                                                                                                                 | Reactivity | Applications |
|--------------------------|------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CPA9125                  | Mouse                                                                                                                  | Z          | WB           |
| <b>Description</b>       | Mouse monoclonal to Beta-tubulin                                                                                       |            |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence of zebrafish Beta-tubulin. The exact sequence is proprietary. |            |              |
| <b>Purification</b>      |                                                                                                                        |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of Beta-tubulin protein.                                                                  |            |              |
| <b>Clonality</b>         | Monoclonal                                                                                                             |            |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.              |            |              |
| <b>Dilution</b>          | WB (1/2000 - 1/5000)                                                                                                   |            |              |
| <b>Gene Symbol</b>       | TUBB3                                                                                                                  |            |              |
| <b>Alternative Names</b> | TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III                                                    |            |              |
| <b>Entrez Gene</b>       |                                                                                                                        |            |              |
| <b>SwissProt</b>         |                                                                                                                        |            |              |
| <b>Storage/Stability</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                       |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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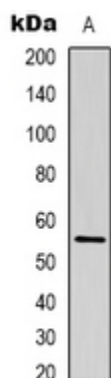
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Western blot analysis of Beta-tubulin expression in zebrafish skeletal muscle (A) whole cell lysates.

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