# beta Tubulin Monoclonal Antibody

**catalog number:** **E-AB-20033**

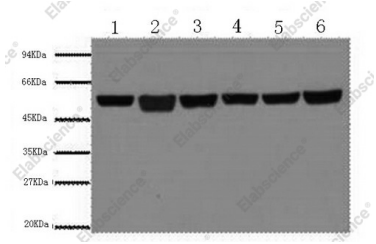
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat;Monkey;Chicken;Dog;Hamster;Rabbit;Sheep;Insect;Yeast |
| **Immunogen** | Synthetic Peptide |
| **Host** | Mouse |
| **Isotype** | Mouse IgG |
| **Clone** | 8B2 |
| **Purification** | Protein A purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:5000-1:10000 |
| **IHC** | 1:100-1:300 |
| **IF** | 1:100-1:300 |

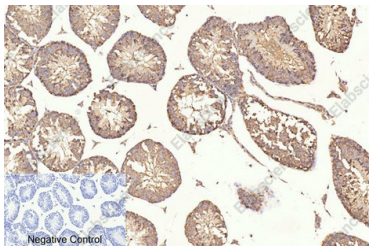
## Data



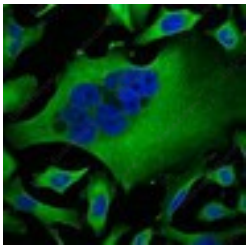

Western Blot analysis of A549, Rat brain, Mouse brain, Chicken lung, Rabbit testis, Sheep muscle using beta Tubulin Monoclonal Antibody at dilution of 1:5000.

**Observed-MW:55 kDa**

**Calculated-MW:50 kDa**




Immunohistochemistry of paraffin-embedded Mouse testis tissue using beta Tubulin Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Hela tissue using beta Tubulin Monoclonal Antibody at dilution of 1:100.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

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. [provided by RefSeq , Oct 2010]


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