beta Tubulin Monoclonal Antibody

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

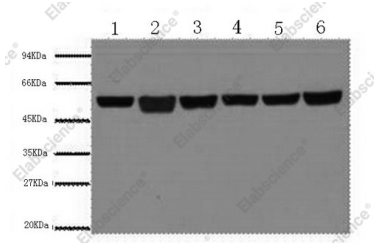
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

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 affinity purification
Conjugation	Unconjugated
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

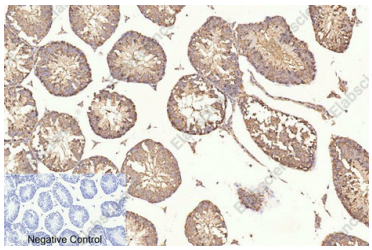
Data



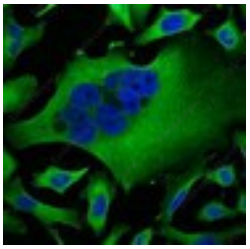
Western Blot analysis of A549, Rat brain, Mouse brain, Chicken lung, Rabbit testis, Sheep muscle using beta Tubulin Monoclonal Antibody at dilution of 1:5000.

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

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

Toll-free: 1-888-852-8623
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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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