

BETA III TUBULIN RABBIT MAB

Cat.#: N261922

Product Name: Anti-beta III Tubulin Rabbit Monoclonal Antibody

Synonyms: TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III

UNIPROT ID: Q13509

Background: TUBB3 Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. TUBB3 plays a critical role in proper axon guidance and maintenance.

Immunogen: A synthetic peptide of human beta III Tubulin

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-6A3

MW: Calculated MW: 50 kDa; Observed MW: 50 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

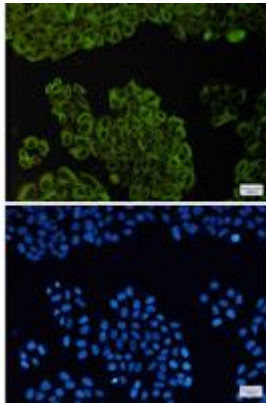
Conjugation: Unconjugated

Modification: Unmodified

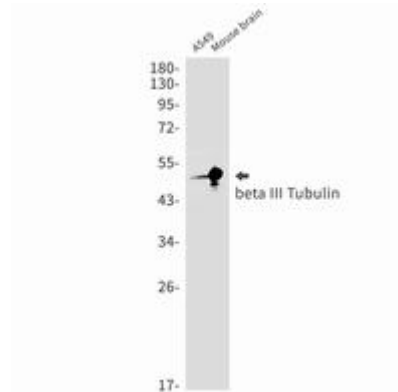
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience Mature Neurons

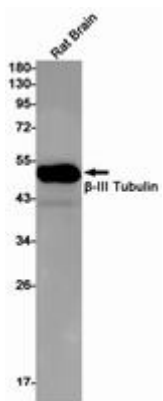
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



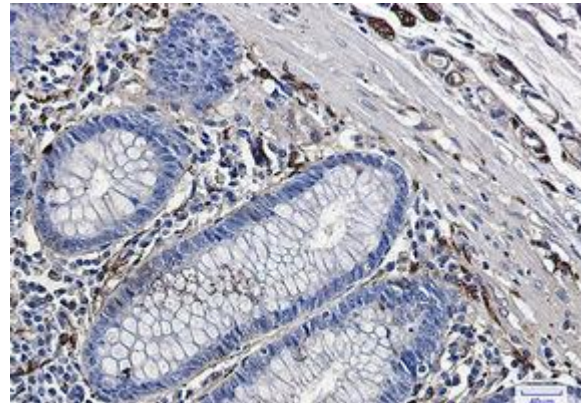
Immunocytochemistry analysis of beta III Tubulin (green) in Hela using beta III Tubulin antibody, and DAPI (blue)



Western blot analysis of beta III Tubulin in A549, mouse brain lysates using beta III Tubulin antibody.



Western blot analysis of beta III Tubulin in rat Brain lysates using beta III Tubulin antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using beta III Tubulin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.