

beta Tubulin Antibody

Rabbit mAb Catalog # AP90037

Specification

beta Tubulin Antibody - Product Information

Application WB, IHC, FC, ICC

Primary Accession
Reactivity
Rat, Dog
Clonality
Monoclonal

Other Names

Beta 4 tubulin; Beta 5 tubulin; Beta1 tubulin; Tubulin beta chain; Tubulin beta class I;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 49671 Da

beta Tubulin Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

beta Tubulin

Description 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

beta Tubulin Antibody - Protein Information

Name TUBB

Synonyms TUBB5

Function

Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.

Cellular LocationCytoplasm, cytoskeleton

Tissue Location



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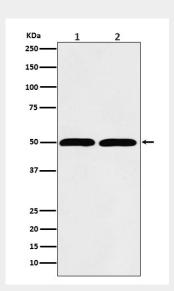
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

beta Tubulin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

beta Tubulin Antibody - Images



Western blot analysis of beta Tubulin expression in (1) Hela cell lysate; (2) RAW 264.7 lysate.