

beta Tubulin Antibody Rabbit mAb Catalog # AP90020

Specification

beta Tubulin Antibody - Product Information

ApplicationWB, IHC, FC, ICCPrimary AccessionP07437ReactivityRatClonalityMonoclonalOther NamesBeta 4 tubulin; Beta 5 tubulin; Beta1 tubulin; Tubulin beta chain; Tubulin beta class I;

lsotype	Rabbit IgG
Host	Rabbit
Calculated MW	49671 Da

beta Tubulin Antibody - Additional Information

Purification Immunogen	Affinity-chromatography 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 Location Cytoplasm, cytoskeleton

Tissue Location



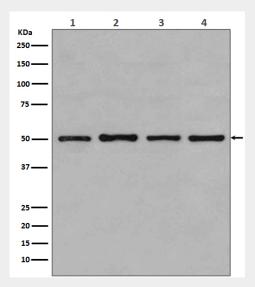
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

beta Tubulin Antibody - Protocols

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

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

beta Tubulin Antibody - Images



Western blot analysis of beta Tubulin expression in (1) MCF-7 cell lysate; (2) COS-1 cell lysate; (3) Jurkat cell lysate; (4) HeLa cell lysate.