

beta Tubulin Antibody
Rabbit mAb
Catalog # AP90037

Specification

beta Tubulin Antibody - Product Information

| | |
|--|------------------------|
| Application | WB, IHC, FC, ICC |
| Primary Accession | P07437 |
| 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 Location

Cytoplasm, cytoskeleton

Tissue Location

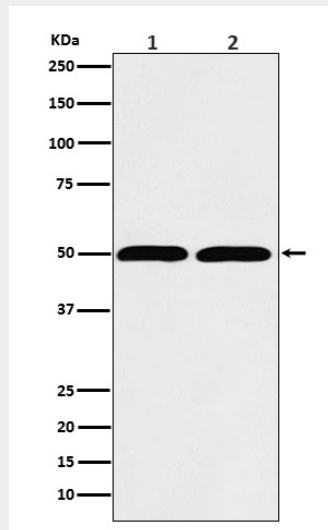
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

beta Tubulin Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

beta Tubulin Antibody - Images



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