10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Dilution	**WB~~1:1000** **IHC~~1:100~500** **FC~~1:10~50** **ICC~~N/A**
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.

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Cellular Location
Cytoplasm, cytoskeleton

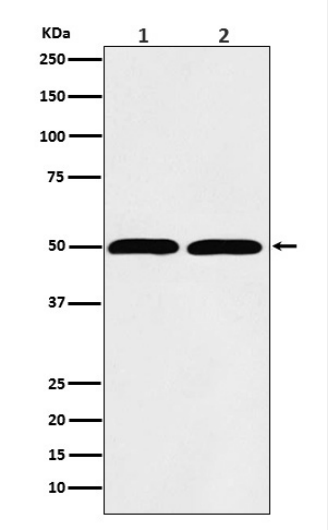
Tissue Location
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

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 Cytomety
- Cell Culture

beta Tubulin Antibody - Images



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