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beta I Tubulin Antibody
Rabbit mAb
Catalog # AP90021

Specification

beta I Tubulin Antibody - Product Information

Application	**WB, IHC, FC, ICC**
Primary Accession	Q9H4B7
Reactivity	**Rat, Dog**
Clonality	**Monoclonal**

Other Names
Beta tubulin 1, class VI;Class VI beta tubulin antibody;TBB1_HUMAN;TUBB1;Tubulin beta 1 class VI;Tubulin, beta 1 antibody

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**50327 Da**

beta I 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 I 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 (By similarity).**
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 I Tubulin Antibody - Protein Information

Name TUBB1

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

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Cytoplasm, cytoskeleton

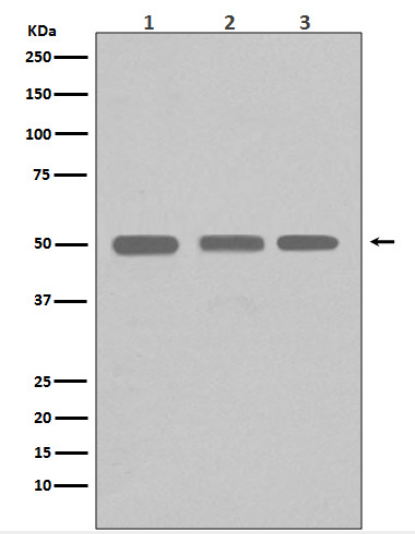
Tissue Location
Hematopoietic cell-specific. Major isotype in leukocytes, where it represents 50% of all beta-tubulins

beta I 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 I Tubulin Antibody - Images



Western blot analysis of beta I Tubulin expression in (1) K562 cell lysate; (2) Jurkat cell lysate; (3) HeLa cell lysate; (4) 293T cell lysate using beta I Tubulin antibody.