

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

Cytoplasm, cytoskeleton

Tissue Location

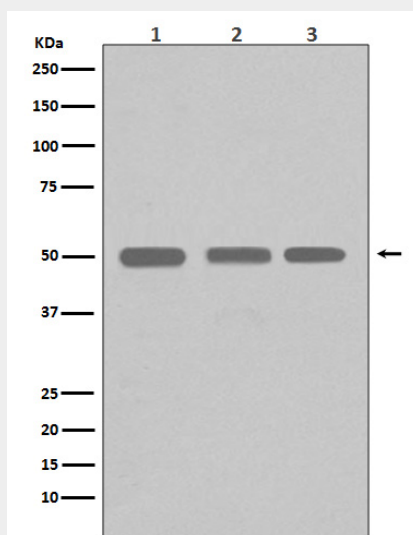
Hematopoietic cell-specific. Major isotype in leukocytes, where it represents 50% of all beta-tubulins

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 Cytometry](#)
- [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.