

# Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody

Catalog # ABO14110

#### Specification

# Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody - Product Information

Application Primary Accession Host Isotype Reactivity Clonality Format **Description**  WB, IHC, IF, ICC, FC <u>P07437</u> Rabbit Rabbit IgG Rat, Human, Mouse Monoclonal Liquid

Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

## Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody - Additional Information

Gene ID 203068

**Other Names** Tubulin beta chain, Tubulin beta-5 chain, TUBB, TUBB5

Calculated MW 49671 MW KDa

Application Details WB 1:3000-1:20000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:100

**Subcellular Localization** Cytoplasm, cytoskeleton.

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

**Contents** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human beta Tubulin

**Purification** Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.



## Anti-beta Tubulin TUBB Rabbit Monoclonal 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.

## Anti-beta Tubulin TUBB Rabbit Monoclonal 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>

#### Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody - Images



Immunohistochemical analysis of paraffin-embedded (1) Human glioma; (2) Rat brain; (3) Mouse kidney; (4) Human uterus cancer, using beta Tubulin Antibody.





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.



Immunofluorescent analysis of NIH/3T3 cells, using beta Tubulin Antibody.