

Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody

Catalog # ABO14110

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P07437
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-beta Tubulin TUBB Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

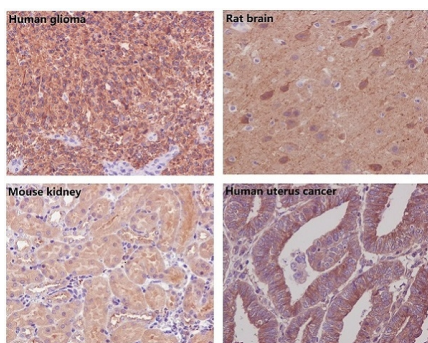
Additional Information

Gene ID	203068
Other Names	Tubulin beta chain, Tubulin beta-5 chain, TUBB, TUBB5
Calculated MW	49671
Application Details	WB 1:3000-1:20000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:100
Subcellular Localization	Cytoplasm, cytoskeleton.
Tissue Specificity	Ubiquitously expressed with highest levels in spleen, thymus and immature brain..
Source	Eukaryota
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.
Clone Names	Clone: BI-20
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.

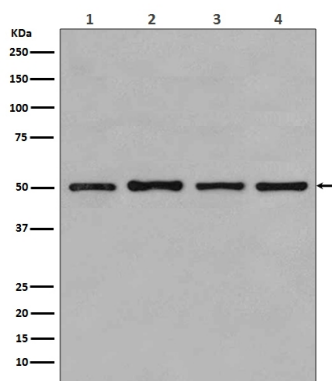
Protein Information

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.

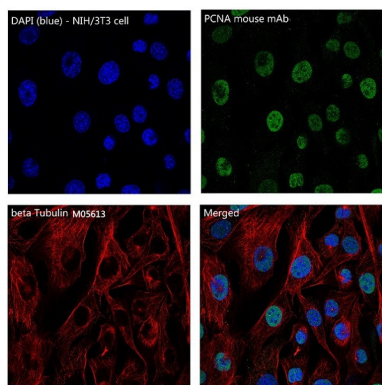
Images



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.