



alpha Tubulin Antibody

Rabbit mAb Catalog # AP90028

Product Information

Application WB, IHC, IF, FC, ICC, IP, IHF

Primary Accession P68366

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names Tubulin, alpha 4a; Tubulin H2-alpha; Tuba4a; bA408E5.3; B ALPHA 1

IsotypeRabbit IgGHostRabbitCalculated MW49924

Additional Information

Dilution WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human alpha 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.

Protein Information

Name TUBA4A

Synonyms TUBA1

Function Tubulin is the major constituent of microtubules, a cylinder consisting of

laterally associated linear protofilaments composed of alpha- and

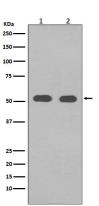
beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap,

tubulin dimers are in GDP-bound state, owing to GTPase activity of

alpha-tubulin.

Cellular Location Cytoplasm, cytoskeleton.

Images



lysate; (2) NIH/3T3 cell lysate.

Image not found: 202311/AP90028-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human bladder, using alpha Tubulin Antibody.

Image not found: 202311/AP90028-IF.jpg

Immunofluorescent analysis of 293 cells, using alpha Tubulin Antibody .

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