

**Phospho-alpha Tubulin (Y272) Antibody**  
Rabbit mAb  
Catalog # AP90275**Specification****Phospho-alpha Tubulin (Y272) Antibody - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">P68363</a>
Reactivity	Human
Clonality	Monoclonal

**Other Names**

Alpha-tubulin 3; B-ALPHA-1; FLJ25113; hum-a-tub1; hum-a-tub2; LIS3; TBA1A; TUBA1A; TUBA3; Tubulin alpha-1A chain; Tubulin alpha-3 chain; Tubulin B-alpha-1; tubulin, alpha 1a; tubulin, alpha 3; tubulin, alpha, brain-specific

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	50152 Da

**Phospho-alpha Tubulin (Y272) Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-alpha Tubulin (Y272)
Description	TUBA1A 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.

**Phospho-alpha Tubulin (Y272) Antibody - Protein Information****Name** TUBA1B**Function**

Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers (PubMed:<a href="http://www.uniprot.org/citations/34996871" target="\_blank">34996871</a>). Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms (PubMed:<a href="http://www.uniprot.org/citations/34996871" target="\_blank">34996871</a>). Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha- tubulin (PubMed:<a href="http://www.uniprot.org/citations/34996871" target="\_blank">34996871</a>).

**Cellular Location**

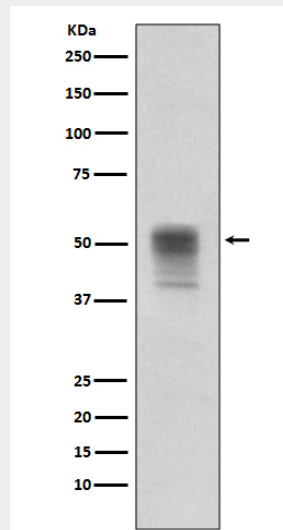
Cytoplasm, cytoskeleton

### Phospho-alpha Tubulin (Y272) 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](#)

### Phospho-alpha Tubulin (Y272) Antibody - Images



Western blot analysis on Jurkat cell lysates treated with pervanadate using alpha Tubulin (phospho Y272) Antibody.