

Phospho-alpha Tubulin (Tyr272) Rabbit mAb
Catalog # AP78540**Specification****Phospho-alpha Tubulin (Tyr272) Rabbit mAb - Product Information**

Application	WB, ICC
Primary Accession	P68363
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	50152

Phospho-alpha Tubulin (Tyr272) Rabbit mAb - Additional Information

Gene ID 10376

Other Names

TUBA1B

Dilution

WB~~1/500-1/1000

ICC~~N/A

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Phospho-alpha Tubulin (Tyr272) Rabbit mAb - Protein Information

Name TUBA1B

Function

Tubulin is the major constituent of microtubules, protein filaments consisting of alpha- and beta-tubulin heterodimers (PubMed: [38305685](http://www.uniprot.org/citations/38305685), PubMed: [34996871](http://www.uniprot.org/citations/34996871), PubMed: [38609661](http://www.uniprot.org/citations/38609661)). Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms (PubMed: [38305685](http://www.uniprot.org/citations/38305685), PubMed: [34996871](http://www.uniprot.org/citations/34996871), PubMed: [38609661](http://www.uniprot.org/citations/38609661)). Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin (PubMed: [34996871](http://www.uniprot.org/citations/34996871), PubMed: [38609661](http://www.uniprot.org/citations/38609661)).

Cellular Location

Cytoplasm, cytoskeleton

Phospho-alpha Tubulin (Tyr272) Rabbit mAb - 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 (Tyr272) Rabbit mAb - Images

