

**$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5)  
Catalog # AP63713****Specification**

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 **$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5) - Product Information**

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

 **$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5) - Additional Information****Gene ID** 10376**Other Names**

Tubulin alpha-1B chain (Alpha-tubulin ubiquitous) (Tubulin K-alpha-1) (Tubulin alpha-ubiquitous chain)

**Dilution**

WB~~WB 1:1000-2000, IHC 1:100-200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

 **$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5) - 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:<<http://www.uniprot.org/citations/34996871>>34996871</a>). Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms (PubMed:<<http://www.uniprot.org/citations/34996871>>34996871</a>). Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha- tubulin (PubMed:<<http://www.uniprot.org/citations/34996871>>34996871</a>).

**Cellular Location**

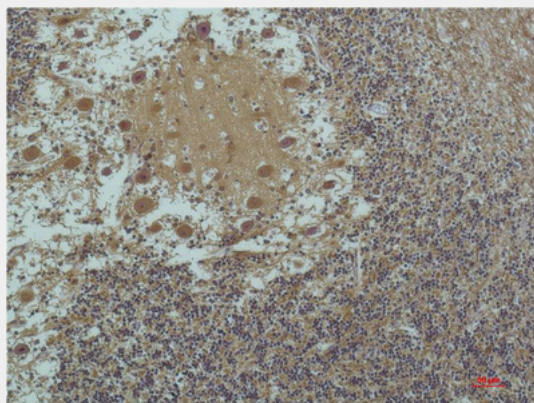
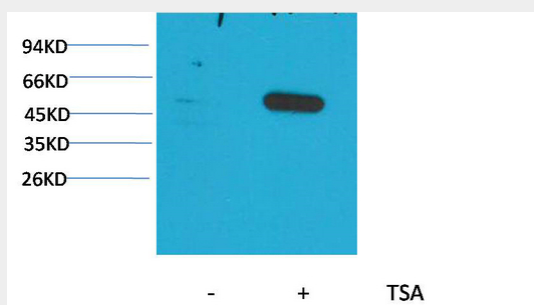
Cytoplasm, cytoskeleton

 **$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5) - 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](#)

#### **$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5) - Images**



#### **$\alpha$ -tubulin (Acetyl Lys40) Monoclonal Antibody(5H5) - Background**

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.