

α Tubulin (Acetyl Lys40) (PT0918R) PT™ Rabbit mAb

CatalogNo: YM8553 **Recombinant** 

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 50kD (Calculated)
55kD (Observed)

Isotype

- IgG, Kappa

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

| Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

| Basic Information

Clonality Monoclonal

Clone Number PT0918R

| Immunogen Information

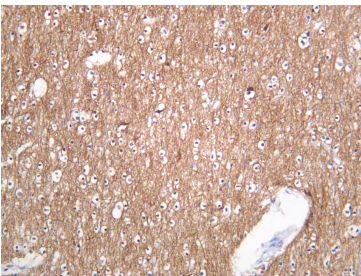
Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Tubulin α (Acetyl Lys40) Monoclonal Antibody detects endogenous levels of Tubulin α protein only when acetylated at Lys40. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):SDkTI

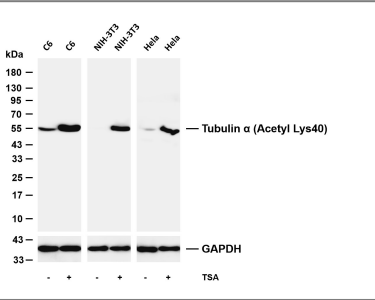
Target Information

Protein Name	Tubulin alpha		
	Organism	Gene ID	UniProt ID
	Human	7277 ;	P68366 ;
Cellular Localization	Cytoplasm		
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.		

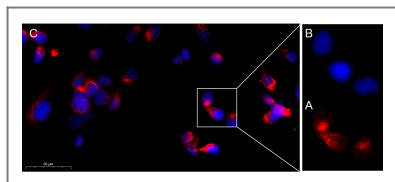
Validation Data



Human brain was stained with anti-Tubulin α (Acetyl Lys40) (PT0918R) Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Tubulin α (Acetyl Lys40) (PT0918R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: C6 Lane 2: C6 was treated with TSA (500ng/mL) for 4 hours Lane 3: NIH-3T3 Lane 4: NIH-3T3 was treated with TSA (400nM) for 18 hours Lane 5: Hela Lane 6: Hela was treated with TSA (400nM) for 18 hours Predicted band size: 50kDa Observed band size: 55kDa



Immunofluorescence analysis of MCF7 . Picture A: Tubulin α (Acetyl Lys40) (PT0918R) Rabbit mAb (red). Picture B: DAPI (blue). Picture C: Merge of A+B

Contact information

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Please scan the QR code to access additional product information:
 α Tubulin (Acetyl Lys40) (PT0918R) PT™ Rabbit mAb

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