

# Alpha-tubulin (Acetyl Lys40) Monoclonal Antibody(5H5)

## Description

Product type	Primary Antibody
Code	BT-MCA1309
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of a-tubulin (Acetyl Lys40)
Mol wt	N/A
Species reactivity	Human,Rat,Mouse
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF
Concentration	l mg/ml
Full name	Tubulin alpha-1B chain
Synonyms	Tubulin alpha-1B chain; Alpha-tubulin ubiquitous; Tubulin K-alpha-1; Tubulin alpha-ubiquitous chain

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

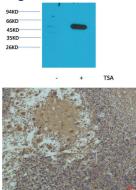
# Background

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 nonexchangeable site on the alpha-chain.,PTM:Undergoes a tyrosination/detyrosination cycle, the cyclic removal and re-addition of a C-terminal tyrosine residue by the enzymes tubulin tyrosine carboxypeptidase (TTCP) and tubulin tyrosine ligase (TTL), respectively.,similarity:Belongs to the tubulin family.,subunit:Dimer of alpha and beta chains.,

### **Recommended Dilution**

IHC: 1:100-200 WB: 1:1000-2000 Not yet tested in other applications.

#### Images



Storage -20°C for one year Western blot analysis of extracts from Hela cells, untreated (-) or treated with TSA (1 $\mu$ M, 18 hr; +), using Acetyl- a-tubulin(Lys40) Mouse Monoclonal antibody 1:2000.

Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using a-tubulin(Acetyl Lys40) Mouse Monoclonal antibody diluted at 1:200.