

Immunotag™ α-tubulin (Acetyl Lys40) Monoclonal Antibody(4A8)

Antibody Specification	
Catalog No.	ITM3519
Product Description	Immunotag™ α-tubulin (Acetyl Lys40) Monoclonal Antibody(4A8)
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	α-Tubulin (Lys40)
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IF,IHC-p
Recommended Dilution	WB 1:1000-2000, IHC 1:50-100 IF 1:200
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Mouse
Immunogen	Synthetic Peptide of α-tubulin (Acetyl Lys40)
Specificity	α-tubulin (Acetyl Lys40) protein detects endogenous levels of α-tubulin (Acetyl Lys40)
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TUBA1B
Accession No.	P68363 P05213 Q6P9V9
Alternate Names	Tubulin alpha-1B chain (Alpha-tubulin ubiquitous) (Tubulin K-alpha-1) (Tubulin alpha-ubiquitous chain)

Antibody Specification

Description	function: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.,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.,
Cell Pathway/ Category	Gap junction,Pathogenic Escherichia coli infection,
Protein Expression	Brain,Cajal-Retzius cell,Colon,Embryonic kidney,Eye,Fetal brain cortex,Keratinocyte
Subcellular Localization	microtubule,cytoplasmic microtubule,myelin sheath,extracellular exosome,
Protein Function	function: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.,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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.