

bsm-60706R**[Primary Antibody]**

Alpha Tubulin (Acetyl-Lys40) Recombinant Rabbit mAb

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-5000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 50 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: R2A9	
GeneID: 7277	SWISS: P68366	
Target: Alpha Tubulin (Acetyl-Lys40)		
Immunogen: KLH conjugated synthetic peptide derived from human Alpha Tubulin (Acetyl-Lys40): SD(Ac-K)TI.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]		

— SELECTED CITATIONS —

- **[IF=8.2]** Chengmin Feng, et al. Preparation of healing-promoting and fibrosis-inhibiting asymmetric poly(ethylene glycol-b-L-phenylalanine)/cRGD-modified hyaluronate sponges and their applications in hemorrhage and nasal mucosa repair. INT J BIOL MACROMOL. 2024 Feb;258:128911 IF ;Rabbit. 38141717