

Acetyl-alpha Tubulin (Lys40) Mouse mAb

Catalog: BS49650

Host: Mouse

Reactivity: Human, Mouse, Rat

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]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

50 kDa

Swiss-Prot:

P68366,P68368,Q5XIF6

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000 ICC/IF: 1:100-1:200 FC: 1:500-1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:



Western blot analysis of extracts from HeLa, 3T3, PC-12 cells using it at 1:1000.

Note:

For research use only, not for use in diagnostic procedure.

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