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alpha Tubulin

Reactivity: Human Mouse Rat

Tested applications:WB IHC IF IP FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:100 IP 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW:50kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human -TUBULIN

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

K-ALPHA-1

Catalog #:AC003

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:10376

Isotype: IgG

Swiss Prot:P68363

Purity: Affinity purification

For research use only.

Background:

There are five tubulins in human cells: alpha, beta, gamma, delta, and epsilon. Tubulins are conserved across species. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical. Alpha, beta, and gamma tubulins have all been used as loading controls. Tubulin expression may vary according to resistance to antimicrobial and antimitotic drugs.

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