

Tubulin-alpha Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251814

Unit: 0.1 mg

Description:

Alpha-tubulin ubiquitous (tubulin-alpha) is the major constituent of microtubules. Tubulin-alpha 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. Acetylation of tubulin-alpha at Lys-40 stabilizes microtubules and affects affinity and processivity of microtubule motors. This modification has a role in multiple cellular functions, ranging from cell motility, cell cycle progression or cell differentiation to intracellular trafficking and signaling.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, R

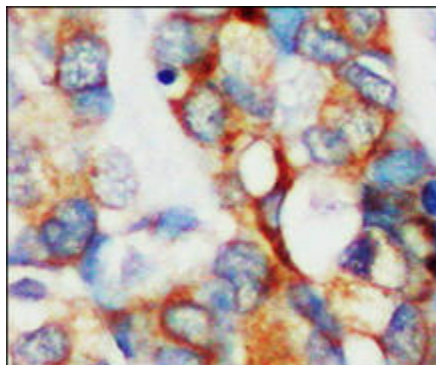
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Tubulin alpha; TUBA1; Tubulin-alpha

Accession No.: P68363

Antigen: Microtubules from chicken embryo brain.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Tubulin-alpha staining in human mammary cancer. Paraffin-embedded human mammary cancer is stained with Tubulin-alpha Antibody (Cat. No. 251814) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.