
Anti-alpha Tubulin Purified


Catalog Number: 14-4502

Also Known As: alpha-Tubulin, α -Tubulin

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-alpha Tubulin Purified

 **Catalog Number:** 14-4502

Clone: DM1A

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The monoclonal antibody DM1a recognizes the 50kDa cytoskeletal protein α tubulin in a variety of species (human, mouse, rat, monkey, dog, pig, bovine, goat, hamster, guinea pig, kangaroo, amphibians, sea urchin, yeast and tobacco plants). Tubulin, the major component of microtubules, is a dimeric protein consisting of an alpha and beta subunit. Tubulin is a GTP-binding protein that can be modified by phosphorylation and acetylation resulting in assembly (polymerization) or disassembly (depolymerization). The dynamic nature of microtubules is most evident in the mitotic apparatus. The DM1a antibody recognizes the C-terminal end of the α tubulin isoform (amino acids 426-430).

Applications Reported

This DM1A antibody has been reported for use in immunoprecipitation, immunoblotting (WB), and immunohistochemical staining.

Applications Tested

This DM1A antibody has been tested by western blotting under reducing conditions (at 2 μ g/ml) or by immunofluorescent staining of paraformaldehyde fixed and permeabilized cells.

References

Breitling F, Little M. Carboxy-terminal regions on the surface of tubulin and microtubules. Epitope locations of YOL1/34, DM1A and DM1B. J Mol Biol. 1986 May 20;189(2):367-70. (DM1a, PubMed)

Related Products

14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.8.1)

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