

Product Information

Anti-Tubulin

produced in rabbit, whole antiserum, delipidized

Catalog Number **T3526**

Product Description

Anti-Tubulin is produced in rabbit using tubulin purified from 13 day old chicken embryos as the immunogen. The antiserum has been treated to remove lipoproteins.

Anti-Tubulin is specific for tubulin as demonstrated by counter immunoelectrophoresis. The antibody has not been adsorbed on microtubule associated proteins (MAP's) and therefore may contain antibodies to high and low molecular weight MAP's.

Microtubules are composed of tubulin and several additional proteins designated microtubule associated proteins (MAPs). Tubulin is a heterodimer which consists of an α -chain and a β -chain, both of which have a molecular weight of approximately 55,000. Microtubules form an elaborate cytoplasmic network during interphase and are reorganized into the mitotic spindle during cell division.

Reagent

Supplied as a liquid with 15mM sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Product Profile

Indirect immunofluorescence: a working dilution of at least 1:80 is recommended using cultured fibroblasts and Anti-Rabbit IgG (whole molecule)-FITC, Catalog Number F9887, as the secondary antibody.

Immunoblotting: a working dilution of at least 1:200 is recommended using chicken gizzard extract or mouse brain extract and Anti-Rabbit IgG (whole molecule)-Peroxidase, Catalog Number A0545, as the secondary antibody.

Note: In order to obtain the best results in various techniques, it is recommended that each individual user determine their optimal working dilution by titration.

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