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Acris Antibodies GmbH

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alpha Tubulin [DM 1A] antibody

Catalog No.: 15-288-21534

Quantity: 0.1 mg

Concentration: raw ascites

Background: Tubulin is the major building block of microtubules. This intracellular cylindrical filamentous structure is present in almost all eukaryotic cells. Microtubules function as structural and mobile elements in mitosis, intracellular transport, flagellar movement and in the cytoskeleton. Tubulin is a heterodimer which consists of alpha-tubulin and beta-tubulin; both subunits have a molecular weight of approximately 50 kDa and share considerable homology. The most widely studied tubulins have been isolated from vertebrate brains. The microtubules can be viewed in immunofluorescent microscopy, which enables the observation of the intracellular organization of proteins that are in the form of a supramolecular structure.GT211302 may be used to study the intracellular organization and distribution of tubulin along the static and dynamic aspects of the cytoskeleton. The product can be used for the immunocytochemical localization of the alpha chain of tubulin by means of indirect immunofluorescent labeling of cultured cells, formalin fixed or frozen tissues or for specific identification of the alpha-tubulin band in immunoblotting or immunoprecipitation techniques.

Host / Isotype: Chicken

Immunogen: Purified chick brain tubulin.

Format:
State: Liquid
Purification: Ascites
Buffer System: Raw Ascites containing 15mM sodium azide

Applications: IF, IP, WB
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Cross-reacts with Human, Mouse, Cow, Amphibians, Chicken, Yeast and Fungi. Not yet tested in other species.

Storage: Keep as concentrated solution. Store at 4