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BM5538 Monoclonal Antibody to Tubulin - Supernatant

Quantity: 1 ml

Background: Tubulin is found in the microtubules which represent the main structural components of centriols, the mitotic spindle, cilia and flagella.

Host / Isotype: Mouse / IgM

Clone: 655

Immunogen: Isolated from chicken skeletal muscle preparation

Format:
State: Liquid Culture supernatant
Buffer System: PBS or TBS containing 0.1% Na-azide

Applications:
Immunohistochemistry on frozen sections: 1:5 - 1:10.
Positive Control: Cultured fibroblasts (chicken)
Immunofluorescence.
Immunoblotting.
ELISA.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Mab 655 specifically stains tubulin in immunohistochemistry (staining of microtubules abundantly present in muscle and non-muscle cells) and reacts in ELISA and WB. The antibody cross reacts with human tissue.
Species: Human, Chicken.
Other species not tested.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:
1. Bäckström B, Collins VP. Cytoskeletal changes in axons of rats exposed to 2,5-hexanediol, demonstrated using monoclonal antibodies. Neurotoxicology. 1987 Spring;8(1):85-96. PubMed PMID: 3561899.