beta-tubulin Monoclonal Antibody | anti-TUBB antibody

beta-tubulin Mouse Monoclonal Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA266992	**Human, Rat, Mouse, Monkey, Dog, Hamster, Rabbit, Sheep**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

beta-tubulin; Monoclonal Antibody; beta-tubulin Mouse Monoclonal Antibody; anti-TUBB antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Rat, Mouse, Monkey, Dog, Hamster, Rabbit, Sheep
Clonality	Monoclonal
Clone Number	5G3
Specificity	Antibody can detects endogenous beta-tubulin protein.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	448
Applicable Applications for anti-TUBB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at-20 degree C for 1 year

IMAGES

WB (Western Blot)
Western blot analysis of 1) Hela, 2) Mouse Kidney tissue, 3) Rat Heart tissue with E12-167 diluted at 1:5, 000. IHC Staining of Human colon tissue with beta-tubulin mouse mAb(5G3) diluted at 1:200.

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB antibody	Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha-and beta-tubulin, each of about 55, 000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-Tubulin may not be stable in certain cells. For example, expression of beta-Tubulin in adipose tissue is very low and therefore beta-Tubulin should not be used as loading control for these tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166496
Molecular Weight	50,072 Da
NCBI Official Full Name	beta-tubulin

UniProt Protein Name	Tubulin beta chain

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/beta-tubulin-antibody-clone-5g3-immunofluorescence-immunohistochemistry-western-blot-elisa/266992