Mouse Beta-tubulin Monoclonal Antibody | anti-TUBB antibody

Anti-Beta-tubulin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265773	**Mouse**	**Human, Mouse, Rat, Monkey, Goat, Hamster, Algae**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

Beta-tubulin; Monoclonal Antibody; Anti-Beta-tubulin Antibody; anti-TUBB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey, Goat, Hamster, Algae
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Beta-tubulin protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-TUBB antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Tubulin beta protein fragments expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of Beta-tubulin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

WB (Western Blot)
Western blot analysis of Beta-tubulin expression in COS7 (A), LNCap (B), MCF7 (C), C2C12 (D) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 55 kD

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB antibody	Mouse monoclonal antibody to Beta-tubulin
Product Categories/Family for anti-TUBB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29788785
NCBI GeneID	203068

NCBI Accession #	NP_821133.1
NCBI GenBank Nucleotide #	NM_178014.2
UniProt Accession #	P07437; P99024; P69897
Molecular Weight	444
NCBI Official Full Name	tubulin beta chain
NCBI Official Synonym Full Names	tubulin, beta class I
NCBI Official Symbol	TUBB
NCBI Official Synonym Symbols	M40; TUBB1; TUBB5; OK/SW-cl.56
NCBI Protein Information	tubulin beta chain; beta1-tubulin; beta 5-tubulin; beta-4 tubulin; beta Ib tubulin; class I beta-tubulin; tubulin beta-1 chain; tubulin beta-5 chain; tubulin beta polypeptide; tubulin, beta polypeptide
UniProt Protein Name	Tubulin beta chain
UniProt Gene Name	**TUBB**
UniProt Synonym Gene Names	TUBB5
UniProt Entry Name	TBB5_HUMAN

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-immunochemistry-immunofluorescence-western-blot-elisa/265773