

Mouse beta-tubulin Monoclonal Antibody | anti-TUBB antibody

beta-tubulin Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300749	Mouse	Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, Sheep	Immunofluorescence, Immunohistochemistry, Western Blot

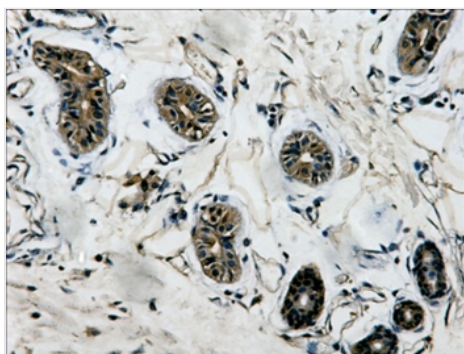
PRODUCT SYNONYMS

beta-tubulin; Monoclonal Antibody; beta-tubulin Mouse Monoclonal Antibody; b-tubulin Mouse Monoclonal Antibody; beta 5-tubulin; beta 1b tubulin; beta-4 tubulin; M40; MGC117247; MGC16435; OK/SW-cl.56; TBB5; TUBB; TUBB1; TUBB5; anti-TUBB antibody

PRODUCT SPECIFICATIONS

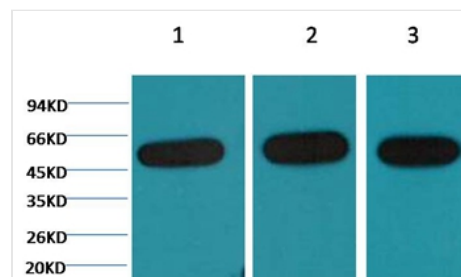
Host	Mouse
Reactivity	Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, Sheep
Clonality	Monoclonal
Clone Number	5G3
Specificity	Antibody detects endogenous b-tubulin protein.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	464
Applicable Applications for anti-TUBB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Name	b-tubulin
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

IHC staining of Human colon tissue with b-tubulin mouse mAb(5G3) diluted at 1:200.



WB (Western Blot)

Western blot analysis of 1) HeLa, 2) Mouse Kidney tissue, 3) Rat Heart tissue, using diluted at 1:5,000.

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 b-Tubulin may not be stable in certain cells. For example, expression of b-Tubulin in adipose tissue is very low and therefore b-Tubulin should not be used as loading control for these tissues.
Product Categories/Family for anti-TUBB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	645912968
NCBI GeneID	203068
NCBI Accession #	NP_001280141.1
NCBI GenBank Nucleotide #	NM_001293212.1
UniProt Accession #	P07437; P05218; Q8WUC1; Q9CY33
Molecular Weight	49,671 Da
NCBI Official Full Name	tubulin beta chain isoform a
NCBI Official Synonym Full Names	tubulin, beta class I
NCBI Official Symbol	TUBB
NCBI Official Synonym Symbols	M40; TUBB1; TUBB5; CDCBM6; OK/SW-cl.56
NCBI Protein Information	tubulin beta chain
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-clone-5g3-immunofluorescence-immunohistochemistry-western-blot-elisa/300749>