

Mouse Beta-tubulin Monoclonal Antibody | anti-TUBB antibody

Anti-Beta-tubulin Antibody-HRP labeled

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293375	Mouse	Insect, Human, Mouse, Rat, Rabbit, Monkey, Chicken, SARS, Drosophila	Immunohistochemistry, Western Blot

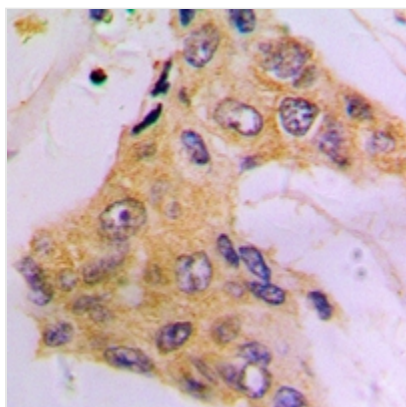
PRODUCT SYNONYMS

Beta-tubulin; Monoclonal Antibody; Anti-Beta-tubulin Antibody-HRP labeled; TUBB5; Tubulin beta chain; Tubulin beta-5 chain; anti-TUBB antibody

PRODUCT SPECIFICATIONS

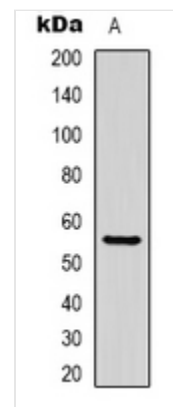
Host	Mouse
Reactivity	Insect, Human, Mouse, Rat, Rabbit, Monkey, Chicken, SARS, Drosophila
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Beta-tubulin protein.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Applicable Applications for anti-TUBB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Cytoplasm, cytoskeleton
Tissue Location	Ubiquitously expressed with highest levels in spleen, thymus and immature brain.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: WB: (1/20000 - 1/600000), IH (1/1000 - 1/2000) Immunohistochemical analysis of Beta-tubulin-HRP labeled staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/20000 - 1/600000), IH (1/1000 - 1/2000) Western blot analysis of Beta-tubulin-HRP labeled expression in HeLa (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB antibody	Mouse monoclonal antibody to Beta-tubulin-HRP labled Recombinant protein corresponding to human Beta-tubulin. Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29788785
NCBI GeneID	203068
NCBI Accession #	NP_821133.1
NCBI GenBank Nucleotide #	NM_178014.2
UniProt Accession #	P07437; P05218; Q8WUC1; Q9CY33
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-immunohistochemistry-western-blot-elisa/293375>