

Mouse anti-Human, Mouse TUBB / Beta Tubulin Monoclonal Antibody | anti-TUBB antibody

Mouse Monoclonal [clone AT5B2] (IgG2b,k) to Human TUBB / Beta Tubulin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51884	Mouse	Human, Mouse	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

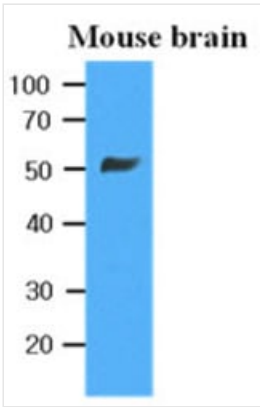
PRODUCT SYNONYMS

TUBB / Beta Tubulin; Monoclonal Antibody; Mouse Monoclonal [clone AT5B2] (IgG2b; k) to Human TUBB / Beta Tubulin; Anti-TUBB / Beta Tubulin Antibody (clone AT5B2) IHC-plus; TUBB; Beta Tubulin; Beta 5-tubulin; Beta-4 tubulin; Beta1-tubulin; M40; Tubulin beta-5 chain; Beta 1b tubulin; Class I beta-tubulin; OK/SW-cl.56; TUBB5; Tubulin beta chain; Tubulin beta polypeptide; Tubulin beta-1 chain; Tubulin; beta class I; Human TUBB; anti-TUBB antibody

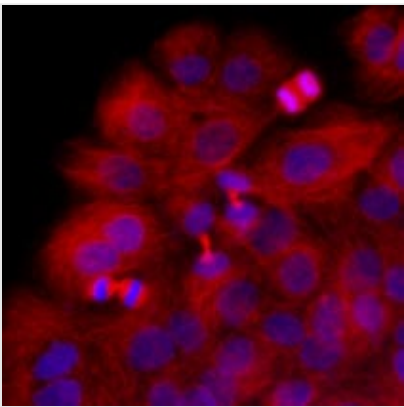
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	AT5B2
Specificity	Human TUBB / Tubulin, Beta
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide. Sourced in Ascites.
Concentration	1 mg/ml (varies by lot)
Sequence Length	444
Applicable Applications for anti-TUBB antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein
Immunogen Type	Recombinant protein
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

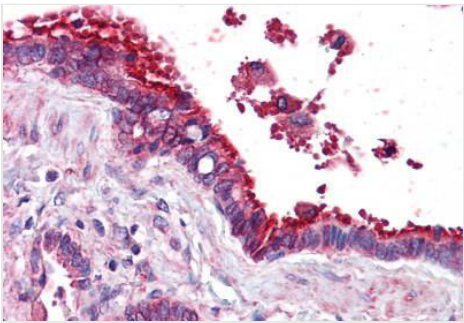
IMAGES



WB (Western Blot)
Extracts of Mouse brain (35 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human beta-Tubulin (1:10000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IF (Immunofluorescence)
Immunofluorescence of HaCaT cells stained with Hoechst 3342 (Blue) for nucleus staining and monoclonal anti-human beta-Tubulin antibody (1:1000) with Texas Red (Red).



IHC (Immunohistochemistry)
Anti-TUBB / Tubulin, Beta antibody IHC of human lung, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29788785
NCBI GeneID	203068
NCBI Accession #	NP_821133.1
NCBI GenBank Nucleotide #	NM_178014.3
UniProt Accession #	P07437; P05218; Q8WUC1; Q9CY33
Molecular Weight	49,671 Da
NCBI Official Full Name	tubulin beta chain isoform b
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; beta Ib tubulin; tubulin beta-1 chain; tubulin beta-5 chain; tubulin, beta polypeptide
UniProt Protein Name	Tubulin beta chain
UniProt Gene Name	TUBB
UniProt Synonym Gene Names	TUBB5

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/tubb-beta-tubulin-antibody-clone-at5b2-western-blot-immunofluorescence-immunohistochemistry-elisa/51884>