

Mouse Alpha-tubulin Monoclonal Antibody | anti-TUBA1B antibody

Anti-Alpha-tubulin (Ack40) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293373	Mouse	Human, Mouse, Rat	Immunohistochemistry, Western Blot

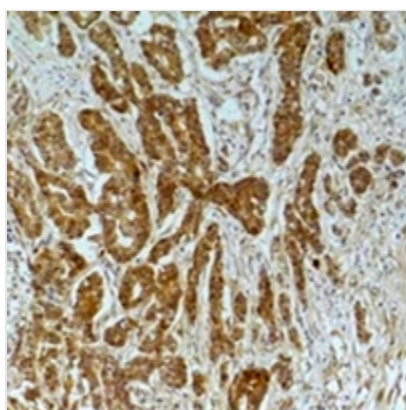
PRODUCT SYNONYMS

Alpha-tubulin; Monoclonal Antibody; Anti-Alpha-tubulin (Ack40) Antibody; Tubulin alpha-1B chain; Alpha-tubulin ubiquitous; Tubulin K-alpha-1; Tubulin alpha-ubiquitous chain; anti-TUBA1B antibody

PRODUCT SPECIFICATIONS

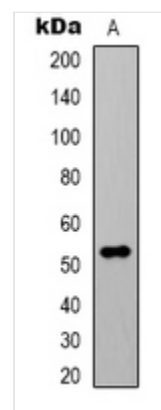
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Alpha-tubulin (Ack40) protein.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Applicable Applications for anti-TUBA1B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Cytoplasm, cytoskeleton.
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: (1/1000 - 1/2000), IH (1/100 - 1/200) Immunohistochemical analysis of Alpha-tubulin (Ack40) staining in human breast cancer, mouse brain 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 (1/1000 - 1/2000), IH (1/100 - 1/200) Western blot analysis of Alpha-tubulin (Ack40) expression in HeLa (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA1B antibody	Mouse monoclonal antibody to Alpha-tubulin (AcK40) KLH-conjugated synthetic peptide encompassing a sequence of human Alpha-tubulin. The exact sequence is proprietary. 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 #	55977474
NCBI GeneID	10376
UniProt Accession #	P68363; P04687; P05209; Q27I68; Q8WU19
Molecular Weight	37,218 Da
NCBI Official Full Name	Tubulin alpha-1B chain
NCBI Official Synonym Full Names	tubulin, alpha 1b
NCBI Official Symbol	TUBA1B
NCBI Official Synonym Symbols	K-ALPHA-1
NCBI Protein Information	tubulin alpha-1B chain; alpha tubulin; tubulin K-alpha-1; alpha-tubulin ubiquitous; tubulin, alpha, ubiquitous; tubulin alpha-ubiquitous chain
UniProt Protein Name	Tubulin alpha-1B chain
UniProt Gene Name	TUBA1B
UniProt Entry Name	TBA1B_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.