

<b>Cat. No:</b>	AB-11661
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human $\alpha$ -Tubulin.
<b>Reactivity:</b>	Hu, Ms, Rt,
<b>Applications:</b>	Western Blot: 1:2000 - 1:10000 Immunofluorescence: 1:50 - 1:200
<b>Molecular Weight:</b>	50kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	TUBA4A;ALS22;H2-ALPHA;TUBA1
<b>Background:</b>	<p>Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene..</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles

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