



# TBA8 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06659
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	TUBA8 TUBAL2
<b>Protein Name</b>	Tubulin alpha-8 chain (Alpha-tubulin 8) (Tubulin alpha chain-like 2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TBA8 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	49kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton.
<b>Tissue Specificity</b>	Preferentially expressed in heart, skeletal muscle and testis. Expressed at low levels in the developing brain.
<b>Function</b>	protein complex assembly, microtubule-based process, microtubule-based movement, cellular macromolecular complex subunit organization, cellular macromolecular complex assembly, cellular protein complex assembly, macromolecular complex subunit organization, protein polymerization, macromolecular complex assembly, protein complex biogenesis,
<b>Background</b>	TUBA8 encodes a member of the alpha tubulin protein family. Alpha tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene are associated with polymicrogyria and optic nerve hypoplasia. Alternate splicing results in multiple transcript variants. TUBA8 (Tubulin Alpha 8) is a Protein Coding gene. Diseases associated with TUBA8 include Cortical Dysplasia, Complex, With Other Brain Malformations 8 and Optic Nerve Hypoplasia. Among its related pathways are Development Slit-Robo signaling and Cytoskeleton remodeling Neurofilaments.

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**