



# TBB4A Monoclonal Antibody

Catalog No	BYmab-07704
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TUBB4A TUBB4 TUBB5
Protein Name	Tubulin beta-4A chain (Tubulin 5 beta) (Tubulin beta-4 chain)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 218-268
Specificity	TBB4A Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	48kD
Cell Pathway	Cytoplasm, cytoskeleton.
Tissue Specificity	Major isotype in brain, where it represents 46% of all beta-tubulins. In the brain, highest expression levels in the cerebellum, followed by putamen and white matter. Moderate levels in testis. Very low levels, if any, in other tissues.
Function	domain:The highly acidic C-terminal region may bind cations such as calcium.;function: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.;similarity:Belongs to the tubulin family.;subunit:Dimer of alpha and beta chains.,
Background	This gene encodes a member of the beta tubulin family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene cause hypomyelinating leukodystrophy-6 and autosomal dominant torsion dystonia-4. Alternate splicing

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results in multiple transcript variants encoding different isoforms. A pseudogene of this gene is found on chromosome X. [provided by RefSeq, Jan 2014],

**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

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