

Product Name: beta III Tubulin (3H2) Mouse Monoclonal Antibody**Catalog #:** AMM00873

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 50 kDa; Observed MW: 50 kDa

Antigen Information

Gene Name	TUBB3
Alternative Names	TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III
Gene ID	10381
SwissProt ID	Q13509
Immunogen	A synthetic peptide of human beta III Tubulin

Background

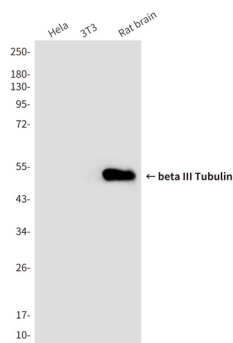
TUBB3 Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. TUBB3 plays a critical role in proper axon guidance and

maintainance.

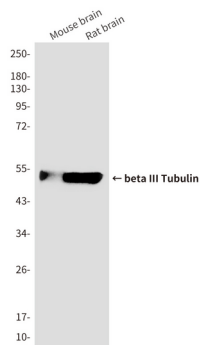
Research Area

Signal Transduction

Image Data



Western blot analysis of beta III Tubulin (3H2) in various cell lines using β 3Tubulin (3H2) antibody.



Western blot analysis of beta III Tubulin (3H2) in mouse brain, rat brain lysates using beta III Tubulin (3H2) antibody.