

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

Summary

Production Name	beta III Tubulin (3H2) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	TUBB3
Alternative Names	TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III
Gene ID	10381
SwissProt ID	Q13509.

Application

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

Background

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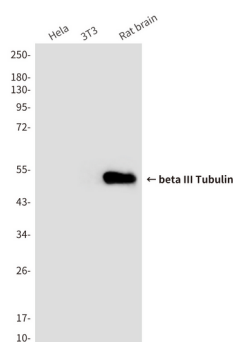


TUBB3 Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. TUBB3 plays a critical role in proper axon guidance and maintenance.

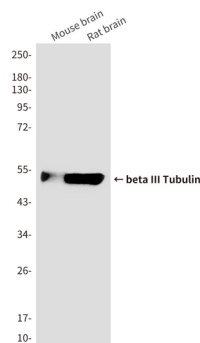
Research Area

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.

Note

For research use only.