

beta Tubulin Monoclonal Antibody

Catalog Number: E-AB-20043

2 Publications



Note: Centrifuge before opening to ensure complete recovery of vial contents.

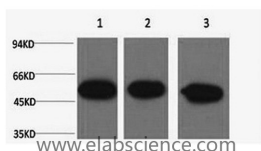
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	Clone: 3L2
Purification	Protein A purification
Formulation	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB	1:3000-10000
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Data



Western Blot analysis of 1) HeLa, 2) Mouse brain, 3) Rat brain using beta Tubulin Monoclonal Antibody at dilution of 1:5000.

Observed Mw: 50kDa
Calculated Mw: 50kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

TUBB3, the class III β tubulin or Tuj1, is selectively expressed in testis and neurons of the central and peripheral nervous system. It has been widely used as a marker for neurons. Aberrant expression of TUBB3 has also been found in various tumors of non-neural origin and can be used as a biomarker for cancer aggressiveness and a marker for the tendency to respond poorly to chemotherapy. This antibody is specific to TUBB3 but not cross-react with other tubulin isoforms.

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Toll-free: 1-888-852-8623

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