

Product Datasheet

beta Tubulin Mouse Monoclonal Antibody



Catalog No: AB0012

Reactivity: H M R Mk Dg Ch Hm Rb Sh

Isotype: Mouse IgG1

Applications: WB IHC ICC/IF

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Information

UniProt ID: P07437

All Names: Beta 4 tubulin; Beta 5 tubulin; Beta1 tubulin; Tubulin beta chain; Tubulin beta class I;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 50 kDa

Application

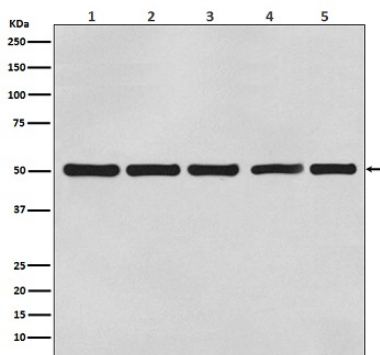
WB 1:3000~1:10000

IHC 1:50~1:200

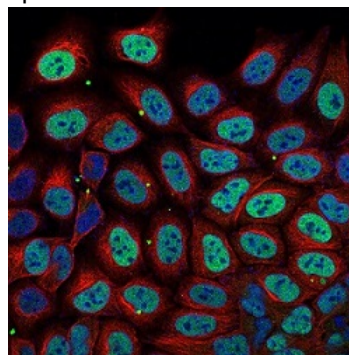
ICC/IF 1:50~1:200

Background

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.



Western blot analysis of beta Tubulin expression in (1) A431 cell lysate; (2) Rat brain lysate; (3) Mouse kidney lysate; (4) Chicken lung lysate; (5) Hamster spleen lysate with beta Tubulin Mouse Monoclonal Antibody.



Immunofluorescent analysis of HeLa cells, using beta Tubulin mAb.

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