

beta Tubulin Monoclonal Antibody

Catalog Number:E-AB-48019



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

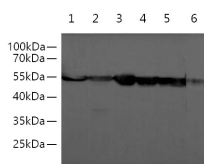
Description

Reactivity	Human, Mouse, E.coli, Scallop, Zebrafish
Immunogen	Recombinant human TUBB protein
Host	Mouse
Isotype	IgG2a
Clone	3A7
Purification	Protein A/G Purified
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH 7.4

Applications Recommended Dilution

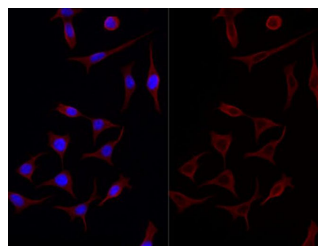
WB	1:5000-10000
IF	1:2000-4000

Data



Western blotting with anti-Beta Tubulin monoclonal antibody at dilution of 1:5000. Lane 1: HeLa cell lysates, Lane 2: Caco-2 cell lysates, Lane 3: HT-29 cell lysates, Lane 4: NIH/3T3 cell lysates, Lane 5: Raw264.7 cell lysates, Lane 6: Rat liver

Observed Mw:55kDa
Calculated Mw:55kDa



Immunofluorescent analysis of HEK293 cells with anti-beta Tubulin monoclonal antibody at dilution of 1:4000.

Preparation & Storage

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

Background

In eukaryotes there are six members of the tubulin superfamily. α - and β -tubulins polymerize into microtubules, a major component of the eukaryotic cytoskeleton. Microtubules function in many essential cellular processes, including mitosis. Both α and β tubulins have a mass of around 50 kDa. Tubulin was long thought to be specific to eukaryotes. Beta-tubulin gene is commonly used as a loading control for western blot.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017