



## C. Elegans $\beta$ -tubulin Mouse mAb(Mix-mA)

<b>Catalog No</b>	BYab-04779
<b>Isotype</b>	IgG
<b>Reactivity</b>	C. Elegans;Human;Mouse;Rat
<b>Applications</b>	IHC;WB
<b>Gene Name</b>	C. Elegans $\beta$ -tubulin
<b>Protein Name</b>	C. Elegans $\beta$ -tubulin
<b>Immunogen</b>	Synthesized peptide derived from C. Elegans $\beta$ -tubulin
<b>Specificity</b>	This antibody detects endogenous levels of C. Elegans $\beta$ -tubulin
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.10% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p1:100-500 ,WB 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq 90\%$
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	55kD
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	
<b>Function</b>	
<b>Background</b>	Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha- and beta-tubulin, each of about 55,000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. However it should be noted that levels of $\beta$ -Tubulin may not be stable in certain cells. For example, expression of $\beta$ -Tubulin in adipose tissue is very low and therefore $\beta$ -Tubulin should not be used as loading control for these tissues.

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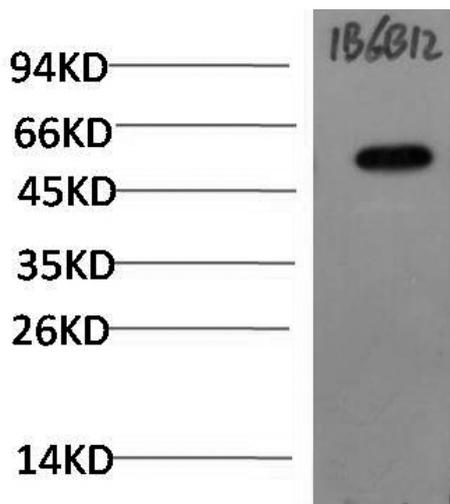
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of C.Elegans whole body Lysate using Mouse mAb diluted at 1:20,000.

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