



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

Catalog No	BYab-04776
Isotype	IgG
Reactivity	C. Elegans;Human;Mouse;Rat
Applications	IHC;WB
Gene Name	C. Elegans $\beta$ -actin
Protein Name	C. Elegans $\beta$ -actin
Immunogen	Synthesized peptide derived from C. Elegans $\beta$ -actin
Specificity	This antibody detects endogenous levels of C. Elegans $\beta$ -actin
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.07% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p1:100-500 ,WB 1:5000-20000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	42kD
Cell Pathway	
Tissue Specificity	
Function	
Background	$\beta$ -actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, antibodies against $\beta$ -actin are useful as loading controls for Western Blotting. However it should be noted that levels of $\beta$ -actin may not be stable in certain cells. For example, expression of $\beta$ -actin in adipose tissue is very low and therefore $\beta$ -actin should not be used as loading control for these tissues.

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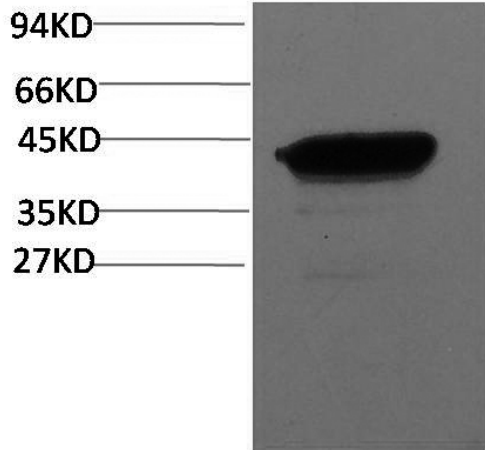
**matters needing attention**

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 1:50,000.

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