

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

<b>Catalog No :</b>	YM33047
<b>Reactivity :</b>	C. Elegans;Human;Mouse;Rat
<b>Applications :</b>	IHC;WB
<b>Target :</b>	Actin $\beta$
<b>Gene Name :</b>	C. Elegans $\beta$ -actin
<b>Protein Name :</b>	C. Elegans $\beta$ -actin
<b>Human Swiss Prot No :</b>	P0DM41
<b>Immunogen :</b>	Synthesized peptide derived from C. Elegans $\beta$ -actin
<b>Specificity :</b>	This antibody detects endogenous levels of C. Elegans $\beta$ -actin
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	IHC1:200-400,WB 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	42kD
<b>Background :</b>	$\beta$ -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.

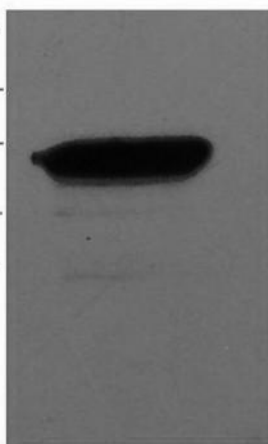
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**Sort :** 2909

**No4 :** 1

## Products Images

94KD —  
66KD —  
45KD —  
35KD —  
27KD —



Western blot analysis of C.Elegans whole body Lysate using Mouse mAb diluted at 1:50,000.