



# ACTB Monoclonal Antibody

<b>Product Code</b>	CSB-MA165329
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Zebrafish
<b>Specificity</b>	Antibody detects Zebrafish endogenous $\beta$ -actin protein.
<b>Tested Applications</b>	ELISA, WB, IHC, IF; Recommended dilution: WB: 1:500-1:5000, IHC: 1:50-1:500, IF: 1:50-1:200
<b>Relevance</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.
<b>Form</b>	Mouse IgG1 in phosphate buffered saline (without $Mg^{2+}$ and $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Clonality</b>	Monoclonal
<b>Alias</b>	ACTB; BRWS1; PS1TP5BP1
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Danio rerio (Zebrafish) (Brachydanio rerio)