



ACTB Monoclonal Antibody

Product Code	CSB-MA847175
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human, Rat, Mouse, Monkey, Dog, Chk, Hamster, Rabbit, Pig, Sheep
Specificity	Antibody detects endogenous β -actin protein.
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB: 1:500-1:5000, IHC: 1:50-1:500, IF: 1:50-1:200
Relevance	β -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 β -actin are useful as loading controls for Western Blotting. However it should be noted that levels of β -actin may not be stable in certain cells. For example, expression of β -actin in adipose tissue is very low and therefore β -actin should not be used as loading control for these tissues.
Form	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antigen Affinity Purified
Clonality	Monoclonal
Alias	ACTB; BRWS1; PS1TP5BP1
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	3B4
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.