

?-actin Mouse mAb

Cat No: HR1AM2142

For research use only

Overview

Product Name	?-actin Mouse mAb
Source	Mouse
Applications	WB, IHC, IF
Species Reactivity	Human,Rat,Mouse,Monkey,Dog,Chicken,Hamster,Rabbit,Pig,Sheep
Recommended Dilutions	WB 1:5,000-10,000 IHC 1:200 IF 1:200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	43kDa
GeneID?Human?	60
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	actin antibody, b-actin antibody, beta-actin antibody
Background	?-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 ?-actin are useful as loading controls for Western Blotting. However it should be noted that levels of ?-actin may not be stable in certain cells. For example, expression of ?-actin in adipose tissue is very low and therefore ?-actin should not be used as loading control for these tissues.