β-Actin Mouse Monoclonal Antibody

Catalog No: #21800

Package Size: #21800 100ul



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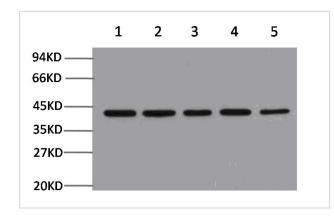
Description

Product Name	β-Actin Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Applications	WB IHC IF
Species Reactivity	Hu Rt Ms Mk D ChHm Rb
Immunogen Type	Recombinant Protein
Immunogen Description	Full-length β-Actin protein of human
Conjugates	Unconjugated
Target Name	β-Actin
Other Names	ACTB; actin, beta; Actin, cytoplasmic 1; Actin, cytoplasmic 1, N-terminally processed; beta actin; beta
	cytoskeletal actin; Beta-actin; PS1TP5-binding protein 1; PS1TP5BP1
Accession No.	Swiss-Prot:P60709Gene ID:60
SDS-PAGE MW	43KD
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:3000-1:10000
Immunohistochemistry: 1:200
Immunofluorescence: 1:200

Images



Western blot analysis of Hela (1) , Rat brain (2) ,Mouse brain (3) ,Chicken lung (4) and Rabbit testis (5)with β -Actin mouse mAb.

Background

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 it should not be used as loading control for these tissues.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.