



ELK Biotechnology

β -actin(HRP Conjugated) Mouse mAb

Catalog NO.: EM1038

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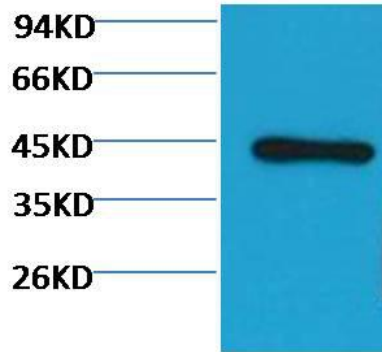
Overview

Product name	β -actin(HRP Conjugated) Mouse Monoclonal antibody
Source	Mouse
Applications	WB
Species reactivity	Human Rat Mouse Monkey Dog Chicken Hamster Rabbit Insect
Recommended dilutions	WesternBlot:1/2000-5000 Immunohistochemistry:1/100 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
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	1 mg/ml
Observed band	43kDa
GeneID (Human)	60
Human Swiss-Prot No.	P60709
Cellular localization	CytoplasmCytoskeleton
Alternative Names	actin antibody b-actin antibody beta-actin antibody

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 β -actin should not be used as loading control for these tissues.



Western blot analysis of Hela with EM1038 diluted at:3000.