



## $\beta$ -actin mouse mAb(Mix) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A41008	Mouse	1 mg/ml	43 kD
<b>Applications</b>	WB,IHC		
<b>Reactivity</b>	Human,Rat,Mouse,Mk,Dg,Ch,Hamster,Rb		
<b>Dilution</b>	WB: 1:5000 IHC: 1:200		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	The antibody detects endogenous $\beta$ -actin protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.		
<b>Immunogen</b>	Synthetic Peptide of $\beta$ -actin		
<b>Uniprot No</b>	P60709		
<b>Alternative names</b>	ACTB; Actin, cytoplasmic 1; Beta-actin		
<b>Form</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.		
<b>Clonality</b>	Monoclonal		
<b>Isotype</b>			
<b>Conjugation</b>			
<b>Background</b>	actin beta(ACTB) Homo sapiens This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus		
<b>Other</b>	nuclear chromatin,extracellular space,nucleoplasm,cytoplasm,cytosol,cytoskeleton,plasma membrane,focal adhesion,membrane,intracellular ribonucleoprotein complex,cortical cytoskeleton,NuA4 histone acetyltransferase complex,cyt		

### Product Images

#### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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