



## β-actin mouse mAb(5B7) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A41004	Mouse	1 mg/ml	43 kD
<b>Applications</b>	IF, WB, IHC		
<b>Reactivity</b>	Human, Rat, Mouse, Mk, Dg, Ch, Hamster, Rb, Insect		
<b>Dilution</b>	IF: 1:50-200 WB: 1:5000-20000 IHC: 1:200-300		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	The antibody detects endogenous β-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 β-actin		
<b>Uniprot No</b>	P60709		
<b>Alternative names</b>	ACTB; Actin; cytoplasmic 1; Beta-actin; Actin β; β-Actin; 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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