



## β-actin mouse mAb(5B7) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A41004	Mouse	1 mg/ml	43 kD
Applications	IF, WB, IHC		
Reactivity	Human, Rat, Mouse, Mk, Dg, Ch, Hamster, Rb, Insect		
Dilution	IF: 1:50-200 WB: 1:5000-20000 IHC: 1:200-300		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous β-actin protein.		
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.		
Immunogen	Synthetic Peptide of β-actin		
Uniprot No	P60709		
Alternative names	ACTB; Actin; cytoplasmic 1; Beta-actin; Actin β; β-Actin; Beta actin		
Form	PBS, pH 7.4, containing 0.5% BSA, 0.02% sodium azide as Preservative and 50% Glycerol.		
Clonality	Monoclonal		
Isotype			
Conjugation			
Background	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		
Other	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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