



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

| Catalog No : | Source: | Concentration : | Mol.Wt. (kD): |
|--------------|---------|-----------------|---------------|
| A41008       | Mouse   | 1 mg/ml         | 43 kD         |

|                       |  |
|-----------------------|--|
| Applications          | WB,IHC   |
| Reactivity            | Human,Rat,Mouse,Mk,Dg,Ch,Hamster,Rb  |
| Dilution              | WB: 1:5000 IHC: 1:200  |
| Storage               | -20°C/1 year   |
| Specificity           | The antibody detects endogenous $\beta$ -actin protein.  |
| Source / Purification | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.   |
| Immunogen             | Synthetic Peptide of $\beta$ -actin  |
| Uniprot No            | P60709   |
| Alternative names     | ACTB; Actin, cytoplasmic 1; 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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