

Basic Information

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|---------------------------|---|
| Product Name | Anti-Beta Actin/ACTB Antibody (Clone#B0061) |
| Gene Name | ACTB |
| Source | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG |
| Species Reactivity | human, monkey, mouse, rat, goat |
| Tested Application | WB |
| Contents | mouse IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Immunogen | A synthesized peptide derived from human beta Actin |
| Purification | Immunogen affinity purified. |
| Observed MW | 42 kDa |
| Dilution Ratios | Western blot (WB):1:1000-50000 |

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

The primary site of action of cytochalasin B on cell motility processes is beta-actin. Habets et al.(1992) generated hybrids that harbor only specific regions of human chromosome 7 and assigned the ACTB locus to 7p15-p12. ACTB and the other assigned beta-actin-related sequences are dispersed over at least four different chromosomes including one locus assigned to the X chromosome. A mutation of beta-actin that alters depolymerization dynamics is associated with autosomal dominant developmental malformations, deafness, and dystonia.

Reference

Anti-Beta Actin/ACTB Antibody (Clone#B0061)被引用在96文献中。

Selected Validation Data

Product datasheet

**Anti-Beta Actin/ACTB Antibody
(Clone#B0061)**

Catalog Number: BM5422

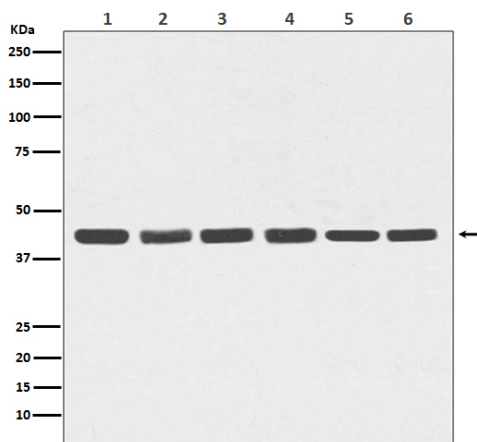
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Western blot analysis of beta Actin expression in (1) Hela;
(2) Human fetal kidney lysate; (3) 3T3 cell lysate; (4) PC-12 cell
lysate; (5) COS-1 cell lysate; (6) Goat muscle lysate.