

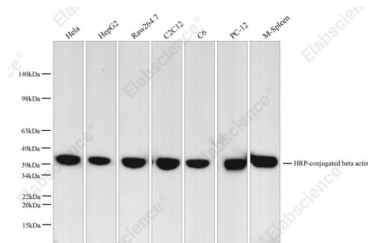
## HRP-conjugated beta actin Monoclonal Antibody

catalog number: AN00295HP

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

| Description  |                                                                          |
|--------------|--------------------------------------------------------------------------|
| Reactivity   | Human;Mouse;Rat                                                          |
| Immunogen    | Recombinant human Beta actin protein by E. Coli                          |
| Host         | Mouse                                                                    |
| Isotype      | Mouse IgG1                                                               |
| Clone        | 3A9                                                                      |
| Purification | Protein A/G Purification                                                 |
| Buffer       | PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4 |
| Applications | Recommended Dilution                                                     |
|              | 1:3000-1:5000                                                            |

## Data



Western blot with Anti HRP-conjugated beta actin Monoclonal Antibody at dilution of 1:2000. Lane 1:Hela cell lysate,Lane 2:HepG2 cell lysate, Lane 3:RAW264.7 cell lysate,Lane 4:C2C12 cell lysate,Lane 5:C6 cell lysate,Lane 6:PC-12 cell lysate,Lane 7:Mouse Spleen tissue lysate.

**Observed-MW:43 kDa**

**Calculated-MW:43 kDa**

## Preparation & Storage

|                 |                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Protected from prolonged exposure to light. |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.    |

## Background

Beta-actin (ACTB/ACTB) is one of six different actin isoforms in humans. Actins are highly conserved proteins that are involved in cell motility,structure and integrity. Beta actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Beta-actin gene is stably and constitutively expressed at high levels in most tissues and cells,and commonly used as a loading control for western blot and as a control for qPCR.

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