

HRP-conjugated beta actin Monoclonal Antibody

catalog number: AN00295HP

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

Description

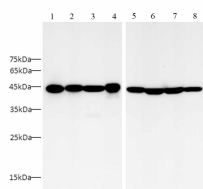
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Beta actin protein by E. Coli
Host	Mouse
Isotype	IgG1
Clone	3A9
Purification	Protein A/G Purification
Conjugation	HRP
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

WB	1:2500-1:5000
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Data



Western blot with HRP-conjugated beta actin Monoclonal

Antibody at dilution of 1:5000. lane 1:Raji whole cell lysate, lane 2:Jurkat whole cell lysate, lane 3:HL-60 whole cell lysate, lane 4:U87-MG whole cell lysate, lane 5:mouse lung whole cell lysate, lane 6:rat lung whole cell lysate, lane 7:Raw264.7 whole cell lysate, lane 8:C6 whole cell lysate

Observed-MW:43 kDa

Calculated-MW:43 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Protected from prolonged exposure to light.
Shipping	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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