

Recombinant beta actin Monoclonal Antibody

catalog number: AN004840L

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

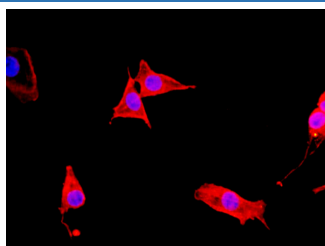
Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide within N-terminal residues of β -Actin
Host	Rabbit
Isotype	IgG
Clone	SA30-01
Purification	Protein A/G Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

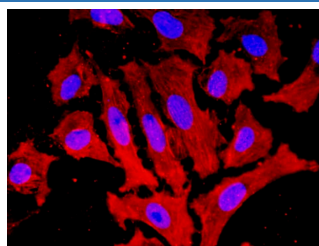
Applications Recommended Dilution

WB	1:5000-1:20000
IHC	1:500-1:1000
IF	1:500-1:1000

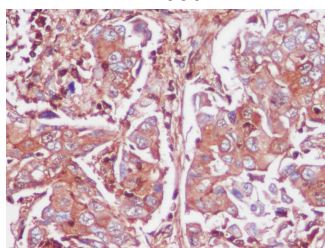
Data



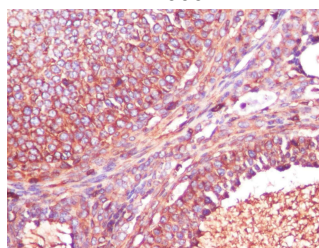
Immunofluorescence analysis of U-2 OS cells using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000



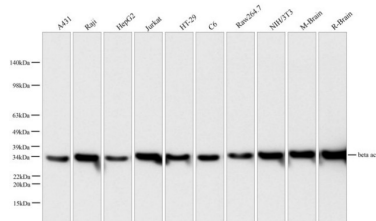
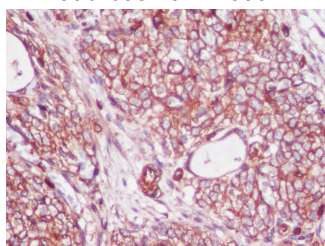
Immunofluorescence analysis of NIH/3T3 cells using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human colon cancer using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human appendix using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000.



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Immunohistochemistry of paraffin-embedded human breast cancer using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000.

Western blot with Anti Recombinant beta actin Monoclonal Antibody at dilution of 1:5000. Lane 1:A431 cell lysate,Lane 2:Raji cell lysate, Lane 3:HepG2 cell lysate,Lane 4:Jurkat cell lysate,Lane 5:HT-29 cell lysate,Lane 6:C6 cell lysate,Lane 7:RAW264.7 cell lysate,Lane 8:NIH/3T3 cell lysate,Lane 9:Mouse Brain tissue lysate,Lane 10:Rat Brain tissue lysate.

Observed-MW:43 kDa

Calculated-MW:43 kDa

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

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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