

MN50176

beta Actin mAb



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50ul;100ul;

Background:

beta-Actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, Antibodies against beta-Actin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-Actin may not be stable in certain cells. For example, expression of beta-Actin in adipose tissue is very low and therefore it should not be used as loading control for these tissues.

Gene Name : ACTB

Alternative Names:

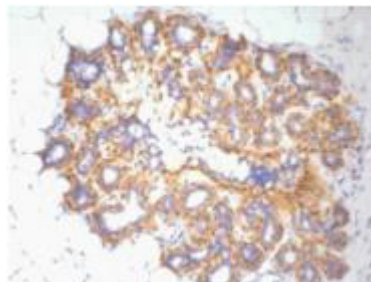
ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta

Uniprot : P60709

Source : Mouse

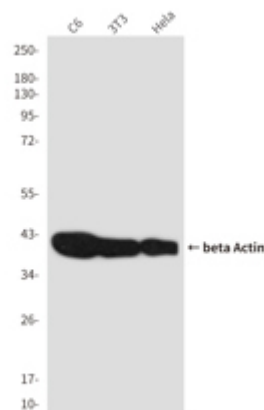
Application

IHC

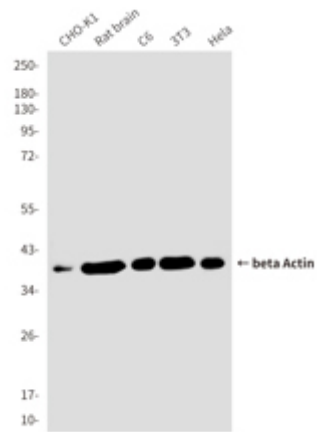


Immunohistochemistry analysis of paraffin-embedded Human ovary tissue using beta Actin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

WB



Western blot analysis of β Actin in C6, 3T3, HeLa lysates using β Actin antibody.



Western blot analysis of β Actin in CHO-K1, Rat brain, C6, 3T3, HeLa lysates using β Actin antibody.

Clonality : Monoclonal Antibody

Isotype : IgG1

Immunogen : Synthetic Peptide of β -actin

Reactivity:

Human,Rat,Mouse,Monkey,Dog,Chicken,Hamster,Rabbit

Dilution : WB: 1/5000-1/10000 IHC: 1/50-1/200

Molecular Weight:

Calculated MW: 42 kDa; Observed MW: 42 kDa

Purification : Affinity Purified

Form : Liquid

Concentration : 1 mg/ml

Buffer:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Storage:

Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycles.