



beta Actin (5C1) Mouse mAb

Catalog No	YP-nAb-1177
Isotype	IgG1
Reactivity	Human,Mouse,Rat,Dog,Monkey
Applications	WB
Alternative Name	ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta
Antibody dilution ratio	WB-1:5000-1:10000
SwissProt ID	P60709
Host Species	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Gene ID	60
Gene Name	ACTB
Clonality	Monoclonal Antibody
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 42 kDa
Immunogen	Synthetic Peptide of β -actin
Research Field	Isotype/Loading Controls
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.
Purification Method	Affinity Purified
Form	Liquid
Storage Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

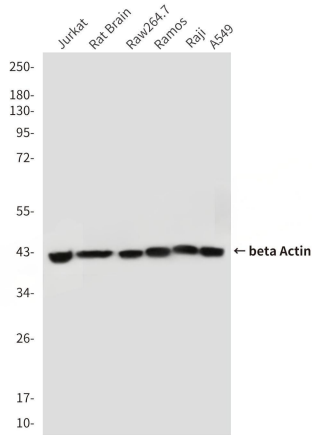




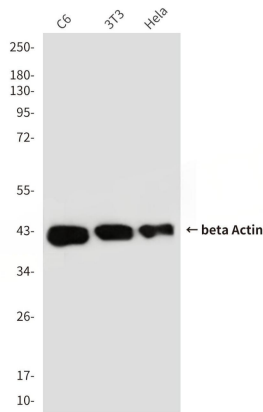
Storage Conditions

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

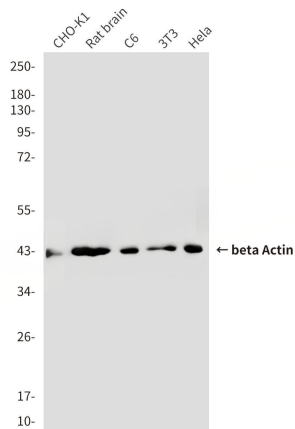
Products Images



Western blot analysis of β Actin in Jurkat, rat Brain, Raw264.7, Ramos, Raji, A549 lysates using β Actin (5C1) antibody.



Western blot analysis of β Actin in C6, 3T3, HeLa lysates using β Actin (5C1) antibody.



Western blot analysis of β Actin (5C1) in CHO-K1, rat brain, C6, 3T3, HeLa lysates using β Actin (5C1) antibody.

