



beta Actin Rabbit mAb

Catalog No	YP-Ab-17765
Isotype	IgG
Reactivity	Human, Mouse, Rat
Applications	WB, IHC-F, IHC-P, ICC/IF Cited WB (Chicken)
Gene Name	ACTB
Alternative Names	ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta
Research Field	Cell Biology
Product Categories	Loading Control antibody
Host	Rabbit
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 42 kDa
Clonality	Monoclonal Antibody
Clonality No.	R09-4C9
Dilution	WB: 1/5000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/200
Immunogen	A synthetic peptide of human beta Actin
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

