ACTB Monoclonal Antibody

Catalog No.  AC004  Category  Loading control Antibodies
Applications  WB, IHC, IF  Observed MW  42kDa
Cross-reactivity  Human, Mouse, Rat  Calculated MW  41kDa

Immunogen Information

Immunogen  Fusion protein of human β-actin
Gene ID  60
Swiss prot  P60709
Synonyms  ACTB; BRWS1; PS1TP5BP1; beta actin

Product Information

Source  Mouse
Isotype  IgG
Purification method  Affinity purification
Storage  Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Antibody Dilute Procedure  Put 5ul AC004 into 45 ul buffer(with 50% glycerol), diluted 1:10,000 for using. The diluted antibody can be stored at -20°C without aliquot.

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

Recommended Dilutions

WB 1:10000 - 1:100000
IHC 1:100- 1:200
IF 1:50- 1:200

Immunohistochemistry - ACTB Monoclonal Antibody (AC004)

Western blot - ACTB Monoclonal Antibody (AC004)