

Anti- β -Actin Antibody

Overview

Cat. Number: BA1104

Product Name: Anti- β -Actin antibody

Reactivity: Human, Rat, Mouse, Pig, Chicken, Monkey

Clone Number: 6G3

Host species: Mouse

Clonality: Monoclonal

Isotype: IgG1

Immunogen: Full-length β -Actin protein of human

Applications

Tested applications: WB, IHC. Not yet tested in other applications.

Recommended dilutions:

WB: 1:5000-1:20000

IHC: 1:200

Optimal dilutions/concentrations should be determined by the end user.

Properties

Form: Liquid

Concentration: 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.

Storage: β -Actin antibody is stable for 1 month at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Background

β -Actin is one of six different actin isoforms that have been identified. The actin

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

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