# β-Actin-HRP Mouse Monoclonal Antibody

Catalog Number	Vial Size
LK9001T	30 µl
LK9001	100 µl
LK9001L	1 ml



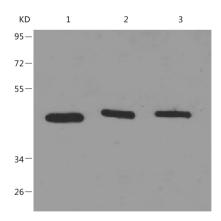
**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

#### **Purified Antibody Characterization**

Clone	Isotype	Applications
6G3	Mouse IgG	WB

# Description

 $\beta$ -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  $\beta$ -Actin should not be used as loading control for these tissues. **Immunogen:** Full-length  $\beta$ -Actin protein of human.



Western blot analysis of Hela cell lysate with  $\beta$ -Actin-HRP mouse mAb diluted at 1: 1000(lane1), 1: 2000(lane 2), 1: 4000(lane 3).

# **Product Information**

**Recommended dilutions:** WB: 1:1000~1:10000 Optimal dilutions/concentrations should be determined by the end user.

#### Form: Liquid

**Concentration:** 1.0 mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.

**Storage:** Store at -20° C or below. Avoid repeated freezing and thawing cycles.

Reactivity: Human, Rat, Mouse, Fruit fly

#### **Related Products:**

Cat.No.	Name
KM9001	β-Actin Mouse mAb
KM9002	GAPDH Mouse mAb
KM9003	β-Tubulin Mouse mAb
KM9004	Plant Actin Mouse mAb
KM9005	Histone H3.1 Mouse mAb
KM9006	α-Actin Mouse mAb
KM9007	α-Tubulin Mouse mAb
LK9002	GAPDH-HRP Mouse mAb
LK9003	β-Tubulin-HRP Mouse mAb
LK2003	Goat anti-Mouse IgG(H+L)-HRP
GM200G-02	FITC Goat anti-Mouse IgG(H+L)
GM200G-09	PE Goat anti-Mouse IgG(H+L)
GM200G-37	IF555 Goat anti-Mouse IgG(H+L)
GM200G-38	IF488 Goat anti-Mouse IgG(H+L)
GM200G-40	IF647 Goat anti-Mouse IgG(H+L)
GM200G-43	IF594 Goat anti-Mouse IgG(H+L)

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