



## $\beta$ -Actin Mouse Monoclonal Antibody

**Cat NO. :** AC001-M

**Size:** 50  $\mu$  l

**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  $\beta$ -Actin should not be used as loading control for these tissues.

**Isotype:** IgG1

**Immunogen:** Full-length  $\beta$ -Actin protein of human.

**Formulation:** Liquid, 1mg/ml IgG in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.

**Recommended applications:** WB 1:5000; IHC 1:200; IF 1:200; Optimal dilutions/concentrations should be determined by the end user.

**Reactivity:** Human, Monkey, Mouse, Rat, hamster, Dog, Spodoptera frugiperda, chicken

**Storage:** Store at  $-20^{\circ}\text{C}$  or below. Avoid repeated freezing and thawing cycles.

**Note:** For research use only, not for use in diagnostic procedures.

