**Anti-β-Actin Mouse Monoclonal Antibody**

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**Technical literature is available at:** [**www.mesgenbio.com**](http://www.mesgenbio.com)**. E-mail MesGen Technical Services if you have questions on use of this system: tech@mesgenbio.com**

**Catalog Number :** MAN1001 **Lot Number :** Refer to vial **Packaging Size :** 100μL□1000μL□

**Background**

Reacts with β-Actin, one of six known vertebrate isoforms of actin. It reacts with two cytoplasmic actins (beta, lambda) which are highly homologous to one another but which differ from the muscle actins at about 25 amino acid residues.

**Overview**

**Description :** Mouse monoclonal antibody to β-Actin [7G6] **Reactivity :** Mouse, Rat, Rabbit, Human

**Tested applications :** WB 1:1000-1:10000, IHC 1:200 **Formulation :** Liquid, 100 μg at 1mg/ml

**Properties**

**Immunogen :** Full length β-actin protein of Human **Clonality :** 7G6 **Isotype :** Mouse IgG1

**Application notes**

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***Fig.*** *WB analysis of β-actin expression in HEK293 cell lysate (line 1), NIH3T3 cell lysate (line 2) and L6 cell lysate (line 3) with Anti-β-actin mouse monoclonal antibody (7G6).* ***Predicted band size****: 42 kDa* ***All lanes*** *: Anti-Actin antibody at 1:5000*

Suggested starting dilutions are as follows: WB (1:1000-1:10000)   IHC (1:200) , Optimal working dilutions should be determined experimentally by the investigator.

**Storage instruction**

Store at +4°C short term (1-2 weeks).

Aliquot and store at -20°C or -80°C

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