

# Plant Actin Mouse Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
KM9004T	30 $\mu$ l
KM9004	100 $\mu$ l
KM9004L	1 ml

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

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

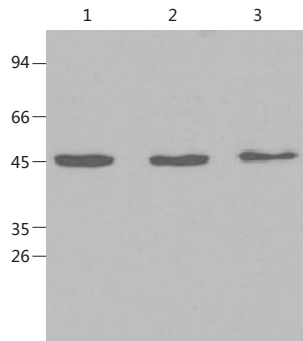
## Purified Antibody Characterization

Clone	Isotype	Applications
6D1	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. The antibody(6D1) could be used in many model organisms as loading control for western blotting, including arabidopsis thaliana, rice etc.

**Immunogen:** Full-length ACT11 protein of human.



Western blot analysis of lysates from *Arabidopsis thaliana* with Actin mouse mAb(6D1). The antibody dilutions are 1:2000(lane1), 1:5000(lane2) and 1:10000(lane3).

## 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:** Actin antibody is stable for 1 year at -20° C. For long term storage, aliquot and store at -20° C or below. Avoid repeated freezing and thawing cycles.

**Reactivity:** Arabidopsis thaliana, Rice

## Related Products:

Cat.No.	Name
KM9001	$\beta$ -Actin Mouse mAb
KM9002	GAPDH Mouse mAb
KM9003	$\beta$ -Tubulin Mouse mAb
KM9005	Histone H3.1 Mouse mAb
KM9006	$\alpha$ -Actin Mouse mAb
KM9007	$\alpha$ -Tubulin Mouse mAb
LK9001	$\beta$ -Actin-HRP Mouse mAb
LK9002	GAPDH-HRP Mouse mAb
LK9003	$\beta$ -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)

**For Research Use Only.**