



Plant-Actin Mouse Monoclonal Antibody

Cat. Number: UM4004
For Research Only

Description:

Synonyms:	Plant-Actin
Immunogen:	Full-length human ACT11 protein
Specificity:	Arabidopsis thaliana, Rice, zebrafish, C.elegans, S.cerevisiae
Host Species:	mouse
Ig Isotype:	Mouse IgG1
Purification:	Protein A or G purified
Applications:	WB (1: 1000-1: 10000) , IHC(1:200), IF(1:200)
Band size:	43KD

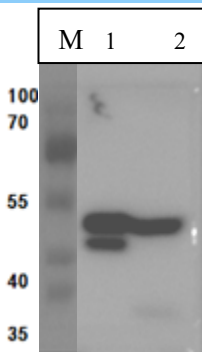
Formulation and Storage:

Formulation:	Liquid
Storage:	-20°C or lower

Background:

β -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 β -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.

Image:



Lane1: Tabacum tissue protein lysate
Lane2: Arabidopsis thaliana tissue protein lysate
Plant actin antibody (UM4004) at 1:5000 dilutions