

# MONOCLONAL ANTIBODIES AGAINST NON-MUSCLE MYOSIN II

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## ABSTRACT

In an effort to produce improved antibody reagents for non-muscle myosin II, investigators at University of California, Berkeley have developed mouse monoclonal antibodies against myosin II protein isolated from cytosol of rabbit gastric homogenates. Hybridoma clones were tested for the ability of their antibodies to recognize non-muscle myosin II from gastric fractions. Two clones were identified as producing good and specific antibodies against non-muscle myosin II protein.

## APPLICATIONS

Can be used for dot blot assays, westerns, immunostaining, and immunoprecipitation.

Useful for functional studies of myosin II in live cells or in vitro assays, e.g. competition with myosin II activity.

## ADVANTAGES

These are good monoclonal antibodies that can be used for assays probing the occurrence and relative abundance of non-muscle myosin II in biological samples or extracts.

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## OTHER INFORMATION

### KEYWORDS

antibody, research tool

### CATEGORIZED AS

» **Research Tools**

» Antibodies

### RELATED CASES

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