

## Product datasheet

### anti-Myosin mouse monoclonal, 414.0, supernatant

#### Short overview

<b>Cat. No.</b>	10605
<b>Quantity</b>	1 ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgM
<b>Clone</b>	414.0
<b>Immunogen</b>	Chicken skeletal muscle cell preparation
<b>Formulation</b>	Contains 0.09% sodium azide
<b>Note</b>	Centrifuge prior to opening
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Hybridoma cell culture supernatant
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, IHC, WB
<b>Reactivity</b>	Chicken, Human, Mouse, Rabbit

#### Applications

<b>Immunocytochemistry (ICC)</b>	1:5-1:10
<b>Immunohistochemistry (IHC) - frozen</b>	1:5-1:10
<b>Immunohistochemistry (IHC) - paraffin</b>	1:5-1:10 (microwave treatment recommended)
<b>Western Blot (WB)</b>	Assay dependent

#### Background

Mab 414 reacts with myosin-containing elements in most cell types. Antigen localization: cytoplasm In Western blot experiments the antibody reacts with a 75kD part of the heavy chain (epitope location on a myosin-common site-chain), no reaction with light chains. It is not reactive with alpha-cardiac myosin.

Positive control: muscle, myofibrils (chicken)

#### Product images



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