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## TECHNICAL INFORMATION

# ImmunO™

Catalog Number: 691331  
**Mouse Anti-Actin MAb Clone B4**

**Form:** Liquid. This product is presented as filtered ascites.

**Description:** The monoclonal actin (clone B4) antibody is a mouse IgG<sub>1</sub>, kappa light chain antibody. Chicken gizzard was used as the immunogen. Immunoblots demonstrate specificity directed towards the smooth muscle gamma-enteric isoform of actin. This antibody can be used to detect the other muscle actin (alpha-skeletal, alpha-cardiac and alpha-vascular) found in vertebrates.

**Immunohistochemical Staining Use:**

Dilution of Antisera 1:500 (PAP)

Tissue Source (control) Skeletal Muscle

Incubation Time & Temp. 2 hours at room temperature

Recommended Diluent 0.1% BSA in PBS, pH 7.6, with 0.1% sodium azide as preservative.

**References:**

- Hizazi, Y.M., Lessard, J.L. and Weiss, M.A., **J. Surg. Path.** **2**, 125, 1989.
- Sawtell, N.M., Hartman, A.L. and Lessard, J.L., **Cell Biol**, **109**, 2929, 1989.

**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)