Acris Antibodies, Inc.

6815 Flanders Drive, Suite 140
San Diego, CA 92121
UNITED STATES
Phone: +1-858-888-7900
Fax: +1-858-888-7904
US-info@acris-antibodies.com

Acris Antibodies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info@acris-antibodies.com

Monoclonal Antibody to Tropomyosin

Catalog No.: DM3222

Quantity: 0.5 ml

Concentration: 0.7 mg IgG /ml

Host / Isotype: Mouse / IgG1

Clone: TM311

Immunogen: Purified chicken gizzard tropomyosin

Applications: Immunohistochemistry: 1:50-1:100. Immunoblot: 1:100-1:200.
This antibody can be used on paraffin-embedded, formalinfixed tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. This product may also be used on frozen tissue sections or specimens. Recommended positive control: Chicken or Human Fibroblasts.
Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: This antibody is specific for the 36K and 39K bands of chicken gizzard tropomyosin. Tropomyosin, one of the regulatory components of muscle cells, is a rigid, rod-shaped protein associated with actin and troponin. Reacts with Human, Rabbit, Chicken, Bovine, Rat and Mouse.
Others not tested.

Storage: Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.

Aliquoting Instructions: Do not dilute the entire reconstituted solution at once since the diluted solution may have reduced stability. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good dilutent to use with most antibodies.

General Readings: 1. Farah, C.S. et al. FASEB Journal. 9: 755-767, 1995.
DM3222CS1206