

Product Information

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Anti-Msx2

produced in rabbit, affinity isolated antibody

Catalog Number **M1069**

Product Description

Anti-Msx2 is produced in rabbit using as immunogen a synthetic peptide, HGAREAHSPGPL, corresponding to amino acids 84-95 of human Msx2. The antibody is affinity-purified using the immunizing peptide immobilized on resin.

Anti-Msx2 specifically recognizes human and rodent Msx2 by immunoblotting (28.8 kDa), immunocytochemistry, and immunohistochemistry (frozen sections). Other species reactivity have not been confirmed.

Msx2, also referred to as Hox-8, is a member of the Msh homeobox family of transcription factors. Msx2 may play a role in limb-pattern formation.

Reagent

Supplied at 1 mg/mL in a 50% ammonium sulfate suspension in PBS, containing no preservatives.

Preparation Instructions

Note: During shipment, small volumes may become entrapped in the seal of the product vial. We recommend briefly centrifuging the vial in a tabletop centrifuge to dislodge any entrapped liquid.

Method 1: Immunostaining and Immunoblotting

1. Carefully resuspend antibody to uniformity.
2. Remove a fixed amount of suspension and dilute 1:10 in PBS or TBS to yield a 100 µg/ml solution.

Method 2: Immunoprecipitation, supershift, immunostaining and immunoblotting

1. Pellet antibody at 10,000 – 15,000 x g for 10 minutes at 2-8 °C using a microcentrifuge.
2. Carefully remove as much supernatant as possible. It is not necessary to remove all the ammonium sulfate solution; a small residual amount will not effect the antibody preparation. Reconstitute the pellet in PBS or TBS at a final concentration of 1 mg/mL, e.g., 100 µg/100 µL. Do not allow the pellet to dry out. This can cause loss of activity. Gently allow pellet to dissolve at least 1 hour before use. Do not vortex. Mix by finger-tapping or gentle stirring.

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