

## Product Information

<b>Catalog Number:</b>	112-205-075
<b>Product:</b>	12nm Colloidal Gold-AffiniPure Goat Anti-Rat IgM, $\mu$ Chain Specific (minimal cross-reaction to Human, Bovine, and Horse Serum Proteins) (EM Grade)
<b>Physical State:</b>	Sterile-filtered liquid
<b>Size:</b>	0.5 ml
<b>OD at 520 nm:</b>	2.0
<b>Conjugation:</b>	Gold 12nm
<b>Suggested Dilution Range:</b>	1:20 - 1:40
<b>Buffer:</b>	0.01M Sodium Borate - Sodium Phosphate, 0.15M NaCl, pH 8.5
<b>Stabilizer:</b>	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
<b>Preservative:</b>	0.05% Sodium Azide
<b>Purity:</b>	The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Antibody Specificity:</b>	Based on immunoelectrophoresis and/or ELISA, the antibody reacts with the heavy chain of rat IgM but not with rat IgG or the light chains of rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, bovine, and horse serum proteins, but it may cross-react with IgM from other species.
<b>Storage:</b>	Aliquot and freeze undiluted product at $-20^{\circ}\text{C}$ or below. Avoid repeated freezing and thawing. Prepare working dilution fresh each day. Expiration date: six months from date of receipt. The expiration date may be extended if test results are acceptable for the intended use.
<b>Safety Information:</b>	Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. The antibody contains 0.05% sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

**Note:** This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.

**This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.**

### Manufacturer:

Jackson ImmunoResearch Laboratories, Inc.  
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West Grove, PA, USA 19390

### Distribution and Support:

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