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Product Specifications

Product: 4 nm Colloidal Gold-AffiniPure Goat Anti-Mouse IgG (H+L) (minimal cross-reaction to Human, Bovine, Horse, Rabbit and Rat Serum Proteins) (LM Grade)

Code Number: 115-185-166

Lot Number: 120332

Physical State: Freeze-dried solid

Size: 0.5 ml

OD at 520 nm: 2.0

Suggested Dilution Range: 1:20 - 1:200

Buffer: 0.01M Sodium Borate - Sodium Phosphate, 0.15M NaCl, pH 8.5

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

Reconstitution and Storage: Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.5 ml dH₂O and centrifuge if not clear. After rehydration, aliquot and freeze undiluted product at -20°C or below. Avoid repeated freezing and thawing. Prepare working dilution fresh each day. **Expiration date:** one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.

Purity: The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Antibody Specificity: Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule mouse IgG. It also reacts with the light chains of other mouse 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 rat, human, bovine, horse, and rabbit serum proteins, but it may cross-react with immunoglobulins from other species.

Country of Origin: USA

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not a medical device.

For visualization of colloidal gold particles by the silver enhancement reaction, please see the accompanying protocol.