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Product Information

Anti-Mouse IgG (whole molecule)
produced in rabbit, fractionated antiserum

Catalog Number **M9637**

Product Description
Anti-Mouse IgG)whole molecule) is produced in rabbit using purified mouse IgG as the immunogen. The fractionation procedure yields primarily the immunoglobulin fraction of antiserum.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antibody preparation followed by diffusion against anti-rabbit IgG and anti-rabbit whole serum results in arcs of precipitation. A single arc is observed against anti-rabbit IgG and multiple arcs are seen versus anti-rabbit whole serum.

Reagent
Supplied as a lyophilized powder from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

Precautions and Disclaimer
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability
To one vial of lyophilized powder add 2 ml of water. Rotate vial gently until powder dissolves. Prior to reconstitution store the product at 2-8 °C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

Working dilutions
ELISA: a minimum working dilution of 1:100,000 is determined using mouse IgG at 5 mg/ml as the coating solution.

Titer by Ouchterlony double diffusion (ODD) assay: a minimum working dilution of 1:8 vs 1 mg/ml solution of purified mouse IgG.

Note: In order to obtain best results, it is recommended that each user determine the optimal working dilution for individual applications by titration assay.

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