

Product Information

Anti-Mouse IgG (whole molecule)

produced in rabbit, IgG fraction of antiserum

Catalog No. **M7023**

Product Description

Anti-Mouse IgG is produced in rabbit using purified mouse IgG as the immunogen. Whole antiserum is purified to provide an IgG fraction of antiserum.

The antiserum is determined to be immunospecific for mouse IgG by immunoelectrophoresis (IEP) versus normal mouse serum and mouse IgG. By Ouchterlony Double Diffusion (ODD) the product reacts with mouse IgG, mouse IgA and IgM.

Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the product followed by diffusion versus the anti-rabbit IgG and the anti-rabbit whole serum results in single arcs of precipitation in the gamma region.

Reagent

Supplied as a solution in 0.01 M phosphate buffered saline, pH 7.4, containing 15 mM sodium azide as a preservative.

Product Profile

Each milliliter of antiserum contains 1.8-2.5 mg of specific antibody. Normal mouse serum is used to determine the antibody concentration by a quantitative precipitation assay.

Protein concentration: determined by OD at 280 nm.

Storage

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

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