

Product Data Sheet

Anti-Mouse IgG+IgM+IgA Antibodies and conjugates

Cat# 40324 Goat Anti-mouse IgG+M+A-HRP conjugate **Size:** 0.5 ml
Form: Liquid; Powder

Description

Antibodies produced to only IgG (H+L or whole IgG) generally do not react well with IgM and IgAs. For the detection of mouse antibodies when isotype of antibodies is unknown, it is better to use antibodies that will detect all major mouse Ig's isotype.

Goats were immunized with a mixture of antigen grade **mouse IgG, IgM, and IgA to produce antibodies that will react with all major mouse IgGs (IgG, IgM and IgA)**. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography to remove non-specific antibodies. Specificity of antibody has been tested using IEP, immunodiffusion, and ELISA. The product reacts with mouse IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody may recognize other species IgG. Purified anti-mouse IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 40324, Anti-mouse IgG+M+A-HRP-conjugate

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in either **lyophilized** (0.5 ml) or **liquid** form. Reconstitute powder in PBS in 1 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are:
1:10,000-1:50,000 for ELISA
1:1K-1:10K for western
1:200-1:1000 (IHC).

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. Working solution should be prepared immediately before use and diluted solution should be discarded.

Related Material available for ADI

Mouse IgG,, IgM ELISA kits

Anti-mouse IgG (H+L), IgG, IgG (H+L), IgG (H+L) antibodies and conjugates

ELISA kits for the detection of mouse Antibodies

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

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