

Product Data Sheet

**Anti-Mouse IgG Antibodies and conjugates (Adsorbed with multiple species)**

**Cat#** 40321-200      Goat Anti-mouse IgG-HRP conjugate      **Size:** 0.5 ml  
**Form:**      Liquid;      Powder

**Description**

Goats were immunized with antigen grade **mouse IgG**. 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. Donkeys were immunized with antigen grade **Goat IgG (H+L)**. Specificity of antibody has been tested using IEP, immunodiffusion, and ELISA. The product reacts with mouse IgG. It may also recognize other mouse Ig's (IgA and IgM) with no significant reactivity with other mouse serum proteins. **Antibodies were further adsorbed with serum proteins from several species (Human, Bovine, Chicken, Guinea Pig, Hamster, Horse, Rabbit, and Rat) to minimize reactivity with these species.** The antibody may recognize mouse IgG (H+L or IgA, IgG, IgM etc). Purified anti-mouse IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, Alk. phos., HRP, Rhodamine, phycoerythrin (PE), Texas Red, Cy3, Cy5, and various IRDye (700DX, 800, and 800CW) to accommodate applications in various immunological techniques.

**Form and Storage**

**Cat# 40321-200, Anti-mouse IgG (H+L)-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 (200 ug/ml). Reconstitute powder in PBS in 1 ml. Store at 4°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 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, IgA, IgE, 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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