

Product Data Sheet

**Anti-Mouse IgG Antibodies and conjugates (Adsorbed with Human and other species serum proteins)**

**Cat#** 40330-210

Goat Anti-mouse IgG-**FITC** conjugate (adsorbed)

**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)**. 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 rat, human, bovine, chicken, goat, G. pig, hamster, horse, rabbit, and sheep serum proteins to minimize reactivity with these species.** 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# 40330-210, Anti-mouse IgG (H+L)-FITC-conjugate**

Purified antibody was coupled to FITC at F/P ratio ~3:7. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** (0.5 ml) or **liquid** form (200 ug/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 200 ug/0.5 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:200-1:2000 for immunofluorescence.

**Absorption Wavelength:** 495 nm

**Emission Wavelength:** 528 nm

**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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