

Product Data Sheet

Mouse Monoclonal Anti-Goat IgG –HRP Conjugates

Cat# 30365-200

Mouse Anti-Goat IgG-HRP conjugate

Size: 200 ug/0.5 ml

Form: Liquid; Powder

Description

Mice were immunized with antigen grade **Goat IgG (H+L)**. Mouse hybridoma secreting antibodies to goat IgG were selected and expanded as ascites. 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 goat IgG with no significant reactivity with other serum proteins. This antibody also react with sheep IgG and bovine IgG. No significant crossreactivity is observed with human, g. pig, rat, mouse, rabbit, horse, dog, chicken, pig, and cat Ig's. Purified antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 30365-200, Anti-Goat IgG-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% BSA and 0.1% prolcin-300 as preservative in either **lyophilized** (200 ug) or **liquid** form (200 ug/0.5ml). Reconstitute powder in PBS in 0.5 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:20,000 ELISA, 1:1000-1:10,000 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

Rabbit 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, Mouse IgG, IgA, IgM, IgE ELISA kits

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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