ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Anti-Mouse IgG1 Antibodies and conjugates

Cat# 40126-200 Goat Anti-Mouse IgG1-HRP conjugate **Size**: 0.5 ml

Form: Liquid Powder

Description

Goats were immunized with antigen grade mouse IgG1. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography. Antibodies were made specific for IgG1 by removing any antibodies crossreactive with other Ig's. Specificity has been tested using IEP, immunodiffusion, and ELISA. Purified antibodies react with mouse IgG1 with minimal reactivity with other isotypes, IgA, IgM or other serum proteins. The antibody may recognize other species IgG1's. Purified antibodies are supplied as unlabeled, HRP-, Biotin, FITC, and AP conjugates.

Form and Storage

Cat# 40126-200, 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/0.5 ml). 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 1:1,000-1:10,000 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 investIgG1tor to obtain the best conditions. Working solution should be prepared immediately before use and diluted solution should be discarded.

All products are for In vitro research use only.

Related Material available for ADI

Mouse IgA, IgM, and IgE ELISA kits

Anti-Mouse IgG1 (Alpha-chain sp), IgG1, IgM, IgE antibodies and conjugates

ELISA kits for the detection of mouse Antibodies

40126-200 80528A

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