

Product Data Sheet

Anti-Mouse IgG3-HRP Conjugate

Cat # 40130 **Goat Anti-mouse IgG3-HRP Conjugate** **Size:** 0.5 ml **Form:** Liquid

Storage: Store at 4°C

Description

Goats were immunized with antigen grade mouse IgG3 and adsorbed over affinity columns to remove reactivity with other IgGs. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography. Purified anti-mouse IgG3 was labeled with highly purified preparation of horse radish peroxidase (HRP) by periodate method. Molar enzyme to antibody ratio is 4:1. Antibody concn is ~ 1 mg/ml.

Form and Storage

The antibody is provided as liquid in 50 mM HEPES buffer pH 7.2, 0.1M NaCl, 0.2% BSA and containing 0.01% thimerosal. The product should be stored at 4°C and is stable for a minimum of 6-12 months. Do not store diluted (working solution). The product can be aliquoted and frozen at -20°C or below. Avoid freeze and thaw.

Purity/Specificity

Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with mouse IgG3. Antibody crossreactivity with other mouse IgGs is <1-2%. The antibody may recognize other species IgG3. However, no significant antibody reactivity is detected with other mouse serum proteins.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. Following recommendation can be used as starting point.

ELISA : 1:1000-1:5,000

Western

ECL: 1:1000-1:2,000

Histochemistry; 1:200-1:500

Antibody concentration must be optimized for each application under defined experimental conditions.

Working solution should be prepared immediately before use and diluted solution should be discarded.

Country of Origin: USA

Related Material available for ADI

Single solution, ready to use, TMB substrates for Blotting & ELISA

Anti-Rabbit, Mouse, Human, Goat, Chicken IgG-HRP conjugates

StainAll reversible dye for Immunoblotting (visualize transfer of proteins on blotting membranes within seconds)

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

Chemiluminescence Substrates and Western blot kits (save by complete kit that includes Anti-rabbit IgG-HRP conjugate, blocking buffer, wash buffer, and Chemiluminescence Substrates for processing 15-30 std size blots).

This product is considered non-hazardous as defined by OSHA (CFR 1910.1200, Nov 25, 1983). It can be disposed of in the drain.

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