
Rabbit Anti-Sheep IgG (H+L)-Alkaline Phosphatase (Affinity Purified) Conjugate

Cat#. 30355 **Size:** 1 ml **Form:** Liquid Lyophilized
Storage: Store at 4⁰C

Description

Rabbits were immunized with antigen grade **Sheep** IgG. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography. Purified anti-**Sheep** IgG (H+L) was labeled with highly purified preparation of alkaline phosphatase using a modified glutaraldehyde procedure.

Form and Storage

The conjugate is provided in either **lyophilized** or **liquid** forms. The **liquid conjugate** is provided in a enzyme stabilizing buffer containing rabbit serum and bovine serum albumin and 0.02% merthiolate in 40% Glycerol as preservative. The product should be stored at 4⁰C for short term storage or frozen at -20oC or below in suitable aliquots. Stability is at least 1 year under frozen conditions. Do not store diluted solutions and avoid repeated freeze and thaw.

Lyophilized conjugate should be reconstituted in 1 ml of Phosphate buffered saline, pH 7.4, containing 40% Glycerol and stored as above.

Purity/Specificity

The conjugate contains affinity pure antibody at approximately 0.5 mg/ml. The molar enzyme to protein (E/P) ratio = 1:7:1.

Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with **sheep** IgG (H+L chain). The antibody may recognize other species IgG's that have common IgG light chains. However, no antibody is detected to other serum proteins.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. However, dilution of 1:1000-10:000 may be used as starting point for most applications.

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

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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