


AP Goat anti-Mouse IgG (H+L) Conjugate

<u>Cat No.</u>	<u>Quantity</u>
10-0016	1 mL Concentrate
Intended Use	For Research Use Only. This antibody-alkaline phosphatase conjugate is recommended as a secondary reagent for ELISA, Western blotting, immunohistochemistry (IHC), and other applications, after dilution to the desired concentration with antibody diluent.
Reagents Supplied	One vial of Concentrate AP Goat anti-Mouse – 1 mg/mL. This antibody is in 50 mM Tris, 0.15 M NaCl, 1 mM MgCl ₂ , pH 7.5, containing 1% bovine serum albumin (BSA), 0.05% w/v sodium azide, and 50% glycerol.
Summary And Explanation	Prior to conjugation, this polyclonal antibody is raised in goats against the whole mouse IgG molecule and purified by antigen-affinity chromatography. It reacts strongly with mouse IgG heavy and light chains. This antibody has been absorbed with human serum proteins so there is no cross reactivity with human IgG.
Usage	The investigator should determine optimal dilutions for each application. Optimal dilutions will depend on several factors, including: primary antibody affinity, sensitivity of detection method, antigen concentration, temperature and length of incubations, etc. Recommended Dilution for ELISA: 1:2,000 to 1:10,000
Storage	Store at 2-8°C. For long term storage, keep at -20°C. All performance claims are void after the expiration date.
Materials Required But Not Supplied	Antibody Diluent* * User should determine the optimal dilution necessary for the applicable procedure. * When diluting the reagent, it is recommended that only the quantity to be immediately used be diluted.
Precautions	For professional users only. Sodium Azide (NaN ₃) is a toxic chemical and is present as an antimicrobial agent in Secondary Antibody Diluent. The concentration in this product is not classified as hazardous. However, the build-ups of NaN ₃ may react with lead and copper plumbing to form highly explosive metal azides. Flush any disposed reagent with large volume of water to prevent azide build-up.

Symbols


Catalog No.


Batch No.


Temperature Range


Use By