

## Peroxidase-conjugated AffiniPure

### Goat Anti-Mouse IgG (H+L)

**CATALOG NUMBER:** C1308

**QUANTITY:** 100 $\mu$ L

**SIZE:** 100 $\mu$ g/100 $\mu$ L

**DESCRIPTION:** Affinity purified antibody isolated from a pool of serum from goats immunized with purified mouse IgG was labeled with peroxidase by the periodate method of Nakane and Kawaoi<sup>[1]</sup>

**FORM/STORAGE:** Store at -20°C for a minimum of 1 year.

**STABILIZER AND PRESERVATIVE:** Goat serum added as a protein stabilizer. No preservative added. Additional biological protection may be provided with 0.01% thimerosal. DO NOT USE SODIUM AZIDE. Non-sterile.

**E/P RATIO:** Molar enzyme/antibody protein ratio = 4:1

**SPECIFICITY/CROSS REACTIVITY:** Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule mouse IgG. It also reacts with the light chains of other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

**APPLICATIONS:**

ELISA:	1:2500 - 1:50,000
Western blot:	1:5000 - 1:100,000
Histo/Cytochemical:	1:250-1:2,500

**\*NOTE:** The optimal working dilutions must be determined by the end user.

**REFERENCES**

1. Nakane, P K., and Kawaoi, A. (1974). *J. Histochem. A.*1974). *J. Histochem. Cytochem.* 22:1084.

***For research use only; not for use as a diagnostic.***

***Important Note:*** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently dislodge any liquid in the container's cap.