Antagene Inc.©
Your Source of Antibody

Product Information Sheet

Peroxidase Conjugated Goat Anti-mouse IgG (γ-chain specific)

Catalog No. BA1050-0.5

Size 0.5 mg

Ig Type IgG

Immunogen Mouse IgG (whole molecular).

Storage

Store at 4℃ for frequent use; at -20℃ for at least one year.

Avoid multiple freeze-thaw cycles.

Expiration

One year from the day of shipment.

Applications

Dot blot;

Western blot (WB);

Direct ELISA

Purification

This antibody was purified from antiserum by immunoaffinity chromatography which removes essentially all goat serum proteins, except the specific antibody for mouse IgG.

Raised in Goat

Clonality Polyclonal

Contents

0.5 mg of peroxidase conjugated specific antibody; 0.01M PBS (pH7.4); 1% BSA.

Specificity

This peroxidase conjugated antibody is specific for mouse IgG and shows no cross-reactivity with mouse IgA, IgM and other animal species IgG proteins.

Labeling Method

Goat anti-mouse IgG is conjugated to peroxidase by means of a method described by Wilson MB and Nakane PK.

(**Reference**: Wilson MB and Nakane PK. In Immunofluorescence and Related Staining Techniques, Elsevier/North Holland Biomedical Press, Amsterdam, P215 (1978).)

Preparation of Diluent Buffer

Use 0.01M TBS or 0.01M PBS to dilute. See “Recommended Dilutions” below for details.

Preparation of 0.01M TBS: Add 1.2g Tris, 8.5g NaCl; 450μl of purified acetic acid or 700μl of concentrated hydrochloric acid to 1000ml H_2O and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.

Preparation of 0.01 M PBS: Add 8.5g sodium chloride, 1.4g Na_2HPO_4 and 0.2g NaH_2PO_4 to 1000ml distilled water and adjust pH to 7.2-7.6. Finally, adjust the total volume to 1L.

Recommended Dilutions

Dot blot (Enhanced chemiluminescent coloration)	1:2000-4000
WB (DAB coloration)	1:500-3000
WB (Enhanced chemiluminescent coloration)	1:3000-10000
Direct ELISA (TMB coloration)	1:20000-40000

Optimal working dilutions must be determined by end user.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

Tel: (650) 964-2589

Fax: (650) 964-2519

email: Info@antageneinc.com