

Biotin Conjugated Goat Anti-mouse IgG (H+L)

Catalog No. BA1001-0.5

Size 0.5 ml

Ig Type IgG

Immunogen

Mouse IgG (whole molecular).

Form

Concentrated, Liquid

Concentration

1 mg/ml

Storage

At 4°C for one year

Applications

Immunohistochemistry (IHC)

Immunocytochemistry (ICC)

Western Blot (WB)

ELISA

Product Description

This antibody is purified from antiserum by immunoaffinity chromatography which removes essentially all goat serum proteins, except the specific antibody for mouse IgG. The antibody preparation is solid phase adsorbed with human serum proteins to ensure minimal cross reactivity in tissue or cell preparations.

Host Goat

Clone Polyclonal

Contents

0.5 mg of biotin conjugated specific antibody. Biotin: Ab=20:1, 0.01 M PBS, 0.01% Thimerosal, 50% glycerol.

Specificity

This biotin conjugated antibody is specific for mouse IgG and shows no cross-reactivity with human/ bovine/rabbit IgG.

Labeling Method

Goat anti-mouse IgG is conjugated to biotin by means of a method described by Bayer.

(Reference: Bayer, E.A. et al., Meth. Enzymol., 62, 308 (1979))

Application Notes

This antibody must be used with various kinds of enzymes or fluorescence conjugated avidin (streptavidin) in IHC-P, IHC-F, ICC, WB and ELISA.

Diluted by neutral PBS or TBS.

Application

	Concentration
Western blot(DAB)	2.5-5µg/ml
Western blot(ECL)	0.1-0.3µg/ml
Immunohistochemistry(Paraffin-embedded Section)	5-10µg/ml
Immunohistochemistry(Frozen Section)	5-10µg/ml
Immunocytochemistry	5-10µg/ml
ELISA	0.05-0.2µg/ml

Optimal working dilutions must be determined by end users.