



Product Information Sheet

Biotin Conjugated Goat Anti-mouse IgM

Catalog No. BA1004-0.25

Size 0.25 mg

Ig Type IgM

Immunogen

Mouse IgM (whole molecular).

Formulation

Concentrated, Liquid

Storage

Store at 4°C for frequent use; at

-20°C for at least one year.

Avoid multiple freeze-thaw cycles.

Expiration

One year from the day of shipment.

Applications

Immunohistochemistry (IHC);

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 IgM.

Raised in Goat

Clonality Polyclonal

Contents

0.25 mg of biotin conjugated specific antibody. Biotin: Ab=20:1; 0.01M PBS; 1% BSA; 0.01% Thimerosal.

Specificity

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

Labeling Method

Goat anti-mouse IgM 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 and fluorescence conjugated avidin (streptavidin) in IHC, WB and ELISA.

Diluted by neutral PBS or TBS.

Recommended Dilutions

IHC (paraffin-fixed section) 1:100-200

IHC (frozen-fixed section) 1:100-200

WB (DAB coloration) 1:200-400

Direct ELISA 1:5000-20000

Optimal working dilutions must be determined by end user.

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