



## Product Information Sheet

### Biotin Conjugated Goat Anti-mouse IgM

**Catalog No.** BA1004-0.5

**Size** 0.5 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**

0.5 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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**Antagene, Inc.**

**Toll Free: 1(866)964-2589**

**Tel: (408)400-9688**

**Fax: 1(888)225-1868**

**email: [Info@antageneinc.com](mailto:Info@antageneinc.com)**

**Website: [www.antageneinc.com](http://www.antageneinc.com)**

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