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

**Catalog No.** BA1003-0.5

**Size** 0.5 ml

**Ig Type** IgG

**Immunogen** Rabbit 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 rabbit IgG. The antibody preparation is solid phase adsorbed with human serum proteins to ensure minimal cross reactivity in tissue or cell preparation.

**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 rabbit IgG and shows no cross-reactivity with bovine/mouse IgG.

**Labeling Method**
Goat anti-rabbit 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.**

<table>
<thead>
<tr>
<th>Application</th>
<th>Concentration</th>
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</thead>
<tbody>
<tr>
<td>Western blot(DAB)</td>
<td>2.5-5μg/ml</td>
</tr>
<tr>
<td>Western blot(ECL)</td>
<td>0.1-0.3μg/ml</td>
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<tr>
<td>Immunohistochemistry(Paraffin-embedded Section)</td>
<td>5-10μg/ml</td>
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<tr>
<td>Immunohistochemistry(Frozen Section)</td>
<td>5-10μg/ml</td>
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<tr>
<td>Immunocytochemistry</td>
<td>5-10μg/ml</td>
</tr>
<tr>
<td>ELISA</td>
<td>0.05-0.2μg/ml</td>
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</tbody>
</table>

*Optimal working dilutions must be determined by end users.*

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