

## Native Rat Whole Molecule IgG, Biotin-LC-NHS Conjugated

**Cat. No.** IgG-019R    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b>  | Normal Rat Serum was obtained from healthy animals.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>           | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>            | Serum                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>       | Immunoglobulin G(IgG) is an antibody isotype. It is a protein complex composed of four peptide chains—two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. |
| <b>Conjugation/Label</b> | Biotin-NHS-LC                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>              | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>      | Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>            | > 95% based on SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>      | Western Blot; ELISA; Immunohistochemistry (IHC)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Notes</b>             | For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not for human or animal consumption.                                                                                                                                                                                                                                                                                                                                                    |

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|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| <b>Storage</b>        | 2-8 centigrade                                                                           |
| <b>Storage Buffer</b> | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free |
| <b>Preservative</b>   | 0.05% (w/v) Sodium Azide                                                                 |
| <b>Concentration</b>  | 1.5 mg/mL                                                                                |

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