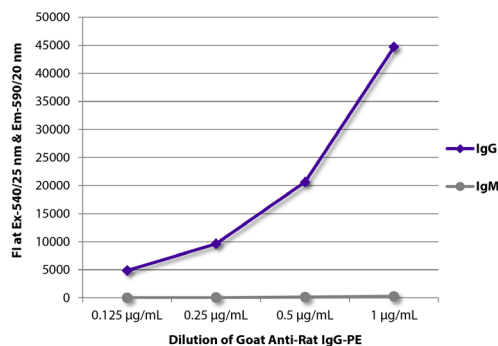




## Goat Anti-Rat IgG

| Cat. No. | Format                               | Size   |
|----------|--------------------------------------|--------|
| 3030-01  | Purified (UNLB)                      | 1.0 mg |
| 3030-02  | Fluorescein (FITC)                   | 1.0 mg |
| 3030-03  | Rhodamine (TRITC)                    | 1.0 mg |
| 3030-04  | Alkaline Phosphatase (AP)            | 1.0 mL |
| 3030-05  | Horseradish Peroxidase (HRP)         | 1.0 mL |
| 3030-06  | $\beta$ -galactosidase (BGAL)        | 1.0 mL |
| 3030-08  | Biotin (BIOT)                        | 1.0 mg |
| 3030-09  | R-phycoerythrin (PE)                 | 0.5 mg |
| 3030-30  | Alexa Fluor <sup>®</sup> 488 (AF488) | 1.0 mg |
| 3030-31  | Alexa Fluor <sup>®</sup> 647 (AF647) | 1.0 mg |
| 3030-32  | Alexa Fluor <sup>®</sup> 555 (AF555) | 1.0 mg |



FLISA plate was coated with purified rat IgG and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Rat IgG-PE (SB Cat. No. 3030-09).

### Description

|                         |  |
|-------------------------|--|
| <b>Specificity</b>      | Reacts with the heavy chain of rat IgG                                 |
| <b>Source</b>           | Pooled antisera from goats hyperimmunized with rat IgG                 |
| <b>Cross Adsorption</b> | Rat IgM; may react with immunoglobulins from other species             |
| <b>Purification</b>     | Affinity chromatography on pooled rat IgG covalently linked to agarose |

### Applications

Quality tested applications include –

ELISA <sup>1-5</sup>  
FLISA

Other referenced applications include –

FC <sup>6,7</sup>  
IHC-FS <sup>8,9</sup>  
ICC <sup>10,11</sup>  
WB <sup>12-15</sup>

### Working Dilutions

|                           |  |                    |
|---------------------------|--|--------------------|
| <b>ELISA</b>              | AP conjugate   | 1:2,000 – 1:4,000  |
|                           | HRP conjugate  | 1:4,000 – 1:8,000  |
|                           | BGAL conjugate   | 1:500              |
|                           | BIOT conjugate   | 1:5,000 – 1:20,000 |
| <b>FLISA</b>              | FITC, TRITC, AF488, and AF555 conjugates   | 1:100 – 1:400      |
|                           | PE and AF647 conjugates  | ≤ 1 µg/mL          |
| <b>Other Applications</b> | Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need. |                    |

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## Handling and Storage

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- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC), rhodamine (TRITC), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The β-galactosidase (BGAL) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS containing NaN<sub>3</sub> as preservative. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific SDS.

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