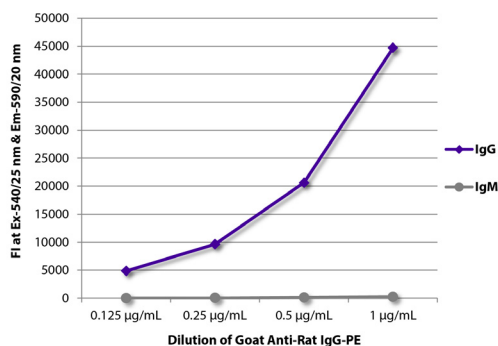




Goat Anti-Rat IgG

| 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 | β -galactosidase (BGAL) | 1.0 mL |
| 3030-08 | Biotin (BIOT) | 1.0 mg |
| 3030-09 | R-phycoerythrin (PE) | 0.5 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

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

Applications

Quality tested applications include –

ELISA¹⁻⁵
FLISA

Other referenced applications include –

FC^{6,7}
IHC-FS^{8,9}
ICC^{10,11}
WB¹²⁻¹⁵

Working Dilutions

| | | |
|--------------|---------------------------|--------------------|
| ELISA | 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 |
| FLISA | FITC and TRITC conjugates | 1:100 – 1:400 |
| | PE conjugate | ≤ 1 µg/mL |

Other Applications 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

- 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) and rhodamine (TRITC) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 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 NaN₃ 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃ 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

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

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