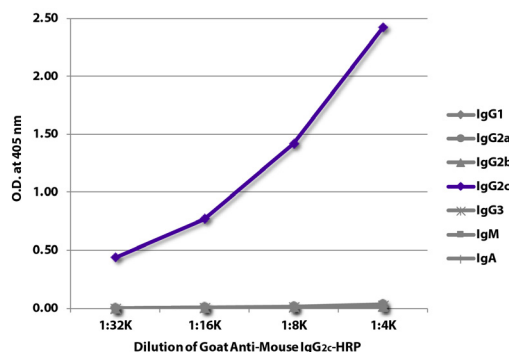




## Goat Anti-Mouse IgG<sub>2c</sub>

Cat. No.	Format	Size
1078-01	Purified (UNLB)	1.0 mg
1078-02	Fluorescein (FITC)	1.0 mg
1078-04	Alkaline Phosphatase (AP)	1.0 mL
1078-05	Horseradish Peroxidase (HRP)	1.0 mL
1078-08	Biotin (BIOT)	1.0 mg



ELISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>2c</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG<sub>2c</sub>-HRP (SB Cat. No. 1078-05).

### Description

<b>Specificity</b>	Reacts with the heavy chain of C57BL/6 mouse IgG <sub>2c</sub>
<b>Source</b>	Pooled antisera from goats hyperimmunized with mouse IgG <sub>2c</sub>
<b>Cross Adsorption</b>	Mouse IgG <sub>1</sub> , IgG <sub>2a</sub> , IgG <sub>2b</sub> , IgG <sub>3</sub> , IgM, and IgA; may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on mouse IgG <sub>2c</sub> covalently linked to agarose

### Applications

Quality tested applications include –

- ELISA
- FLISA

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC conjugate	1:200 – 1:400

**Other Applications** Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: [info@southernbiotech.com](mailto:info@southernbiotech.com) • Website: [www.southernbiotech.com](http://www.southernbiotech.com)

## 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) conjugate is 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 biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- 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 SDS.