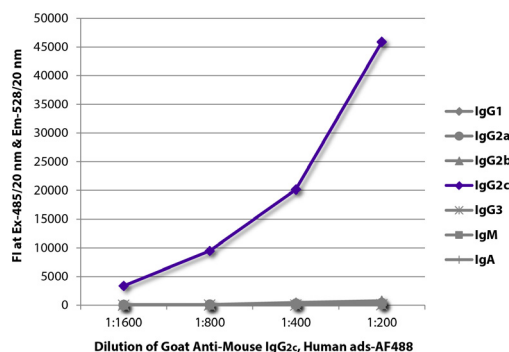




## Goat Anti-Mouse IgG<sub>2c</sub>, Human ads

Cat. No.	Format	Size
1079-01	Purified (UNLB)	1.0 mg
1079-02	Fluorescein (FITC)	1.0 mg
1079-04	Alkaline Phosphatase (AP)	1.0 mL
1079-05	Horseradish Peroxidase (HRP)	1.0 mL
1079-08	Biotin (BIOT)	1.0 mg
1079-09	R-phycoerythrin (PE)	0.5 mg
1079-09S	R-phycoerythrin (PE)	0.25 mg
1079-11L	Allophycocyanin (APC)	0.5 mg
1079-11S	Allophycocyanin (APC)	0.25 mg
1079-30	Alexa Fluor <sup>®</sup> 488 (AF488)	1.0 mg
1079-31	Alexa Fluor <sup>®</sup> 647 (AF647)	1.0 mg
1079-32	Alexa Fluor <sup>®</sup> 555 (AF555)	1.0 mg



FLISA 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>, Human ads-AF488 (SB Cat. No. 1079-30).

### 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; human immunoglobulins and pooled sera; 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<sup>1-20</sup>  
FLISA

Other referenced applications include –

FC<sup>21,22,25</sup>  
ELISPOT<sup>5,23</sup>  
IHC-PS<sup>24</sup>  
WB<sup>25</sup>  
Depletion<sup>1,25</sup>

### Working Dilutions

<b>ELISA</b>	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 and AF488 conjugates	1:200 – 1:400
	AF555 conjugate	1:100 – 1:200
	PE, APC, and AF647 conjugates	≤ 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.

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

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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) 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 of stock solution in 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 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 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) and allophycocyanin (APC) conjugates are supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor<sup>®</sup> 488 (AF488), Alexa Fluor<sup>®</sup> 555 (AF555), and Alexa Fluor<sup>®</sup> 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 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 (M)SDS.

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