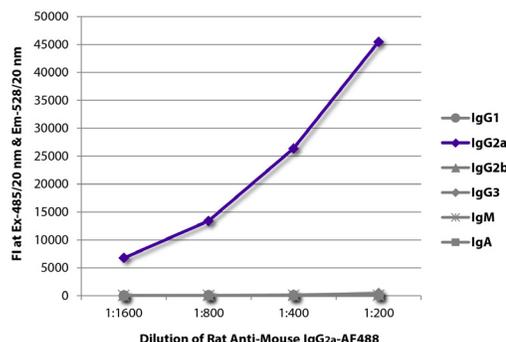




## Rat Anti-Mouse IgG<sub>2a</sub>

Cat. No.	Format	Size
1155-01	Purified (UNLB)	0.5 mg
1155-02	Fluorescein (FITC)	0.5 mg
1155-04	Alkaline Phosphatase (AP)	1.0 mL
1155-05	Horseradish Peroxidase (HRP)	1.0 mL
1155-08	Biotin (BIOT)	0.5 mg
1155-09	R-phycoerythrin (PE)	0.1 mg
1155-09L	R-phycoerythrin (PE)	0.2 mg
1155-30	Alexa Fluor <sup>®</sup> 488 (AF488)	0.1 mg
1155-31	Alexa Fluor <sup>®</sup> 647 (AF647)	0.1 mg
1155-32	Alexa Fluor <sup>®</sup> 555 (AF555)	0.1 mg



FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgG<sub>2a</sub>-AF488 (SB Cat. No. 1155-30).

## Overview

<b>Clone</b>	SB84a
<b>Isotype</b>	Rat (Sprague Dawley) IgG <sub>1κ</sub>
<b>Immunogen</b>	Mouse IgG <sub>2a</sub> hybridoma
<b>Specificity</b>	Mouse IgG <sub>2a</sub>

## Applications

FC – Quality tested <sup>1,2</sup>  
 ELISA – Quality tested <sup>3-9</sup>  
 FLISA – Quality tested  
 IHC-FS – Reported in literature <sup>10</sup>  
 ICC <sup>11</sup>  
 WB <sup>11</sup>  
 Multiplex – Reported in literature <sup>12</sup>

## Working Dilutions

<b>Flow Cytometry</b>	FITC, BIOT, and AF488 conjugates	≤ 1 μg/10 <sup>6</sup> cells
	PE conjugate	≤ 0.2 μg/10 <sup>6</sup> cells
	AF647 conjugate	≤ 0.1 μg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	
<b>ELISA</b>	AP conjugate	1:1,000 – 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	1:50 – 1:200
	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.	

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

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.5 mg of 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 0.5 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 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL or 0.2 mg in 2.0 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 0.1 mg in 0.2 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

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

## References

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