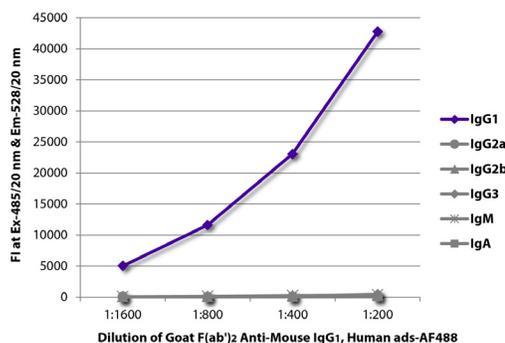




## Goat F(ab')<sub>2</sub> Anti-Mouse IgG<sub>1</sub>, Human ads

Cat. No.	Format	Size
1072-01	Purified (UNLB)	0.5 mg
1072-02	Fluorescein (FITC)	0.5 mg
1072-08	Biotin (BIOT)	0.5 mg
1072-09	R-phycoerythrin (PE)	0.25 mg
1072-30	Alexa Fluor <sup>®</sup> 488 (AF488)	0.5 mg
1072-31	Alexa Fluor <sup>®</sup> 647 (AF647)	0.5 mg
1072-32	Alexa Fluor <sup>®</sup> 555 (AF555)	0.5 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 Goat F(ab')<sub>2</sub> Anti-Mouse IgG<sub>1</sub>, Human ads-AF488 (SB Cat. No. 1072-30).

### Description

<b>Specificity</b>	Reacts with the heavy chain of mouse IgG <sub>1</sub>
<b>Source</b>	Pepsin digest of Goat Anti-Mouse IgG <sub>1</sub> , Human ads (SB Cat. No. 1070)
<b>Cross Adsorption</b>	Mouse 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

### Applications

Quality tested applications include –

ELISA  
FLISA  
FC<sup>1-15</sup>

Other referenced applications include –

IHC-FS<sup>16</sup>  
IHC-PS<sup>17</sup>  
ICC<sup>3,18</sup>

### Working Dilutions

<b>ELISA</b>	BIOT conjugate	1:5,000 – 1:10,000
<b>FLISA</b>	FITC, AF488, and AF555 conjugates PE and AF647 conjugates	1:100 – 1:400 ≤ 1 µg/mL
<b>Flow Cytometry</b>	FITC, BIOT, and AF488 conjugates PE conjugate AF647 conjugate For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	≤ 1 µg/10 <sup>6</sup> cells ≤ 0.2 µg/10 <sup>6</sup> cells ≤ 0.1 µg/10 <sup>6</sup> cells
<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 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), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°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 0.25 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 (M)SDS.

## References

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