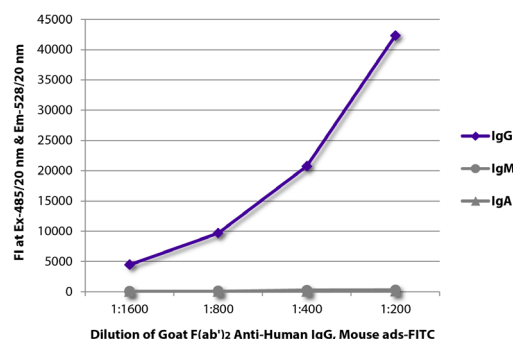


## Goat F(ab')<sub>2</sub> Anti-Human IgG, Mouse ads

Cat. No.	Format	Size
2043-01	Purified (UNLB)	0.5 mg
2043-02	Fluorescein (FITC)	0.5 mg
2043-05	Horseradish Peroxidase (HRP)	1.0 mL
2043-08	Biotin (BIOT)	0.5 mg
2043-09	R-phycoerythrin (PE) Conjugate	0.25 mg
2043-30	Alexa Fluor® 488 (AF488)	0.5 mg
2043-31	Alexa Fluor® 647 (AF647)	0.5 mg
2043-32	Alexa Fluor® 555 (AF555)	0.5 mg



FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Human IgG, Mouse ads-FITC (SB Cat. No. 2043-02).

### Description

<b>Specificity</b>	Reacts with the heavy chain of human IgG
<b>Source</b>	Pepsin digest of goat anti-human IgG (SB Cat. No. 2044)
<b>Cross Adsorption</b>	Human IgM and IgA; mouse immunoglobulins and pooled sera; may react with IgG from other species

### Applications

Quality tested applications include –

ELISA  
FLISA  
FC <sup>1-5</sup>

### Working Dilutions

<b>ELISA</b>	BIOT conjugate	1:5,000 – 1:20,000
	HRP conjugate	1:4,000 – 1:8,000
<b>FLISA</b>	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	FITC, AF488, and BIOT conjugates	≤ 1 µg/10 <sup>6</sup> cells
	PE and AF647 conjugates	≤ 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>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 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 0.25 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 SDS.

## References

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3. Heuser C, Ganser M, Hombach A, Brand H, Denton G, Hanisch F, et al. An anti-MUC1-antibody-interleukin-2 fusion protein that activates resting NK cells to lysis of MUC1-positive tumour cells. *Br J Cancer.* 2003;89:1130-9. (FC)
4. Hinton PR, Xiong JM, Johlfs MG, Tang MT, Keller S, Tsurushita N. An engineered human IgG1 antibody with longer serum half-life. *J Immunol.* 2006;176:346-56. (FC)
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