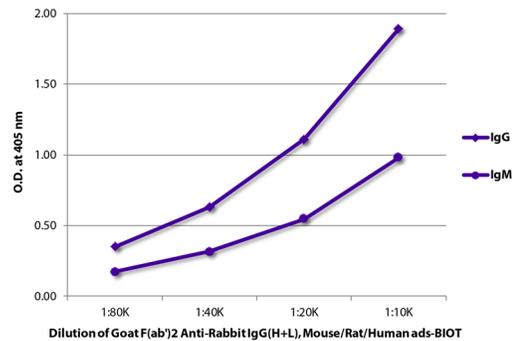




## Goat F(ab')<sub>2</sub> Anti-Rabbit IgG(H+L), Mouse/Rat/Human ads

Cat. No.	Format	Size
4054-01	Purified (UNLB)	0.5 mg
4054-02	Fluorescein (FITC)	0.5 mg
4054-05	Horseradish Peroxidase (HRP)	1.0 mL
4054-08	Biotin (BIOT)	0.5 mg
4054-30	Alexa Fluor® 488 (AF488)	0.5 mg
4054-32	Alexa Fluor® 555 (AF555)	0.5 mg



ELISA plate was coated with purified rabbit IgG and IgM. Immunoglobulins were detected with serially diluted Goat F(ab')<sub>2</sub> Anti-Rabbit IgG(H+L), Mouse/Rat/Human ads-BIOT (SB Cat. No. 4054-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of rabbit IgG and the light chains of rabbit IgM
<b>Source</b>	Pepsin digest of Goat Anti-Rabbit IgG(H+L), Mouse/Rat/Human ads (SB Cat. No. 4049)
<b>Cross Adsorption</b>	Mouse, rat, and human immunoglobulins and pooled sera; may react with immunoglobulins from other species

### Applications

Quality tested applications include –

- ELISA
- FLISA
- FC<sup>1,2</sup>

### Working Dilutions

<b>ELISA</b>	HRP conjugate	1:2,000 – 1:4,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC, AF488, and AF555 conjugates	1:100 – 1:400
<b>Flow Cytometry</b>	FITC, AF488, and BIOT conjugates	≤ 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), and Alexa Fluor® 555 (AF555) 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.
- 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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1. Huang Y, Sojka DK, Fowell DJ. Cutting edge: Regulatory T cells selectively attenuate, not terminate, T cell signaling by disrupting NF-κB nuclear accumulation in CD4 T cells. *J Immunol.* 2012;188:947-51. (FC)
2. Leonard A, Marando C, Rahman A, Fazal F. Thrombin selectively engages LIM kinase 1 and slingshot-1L phosphatase to regulate NF-κB activation and endothelial cell inflammation. *Am J Physiol Lung Cell Mol Physiol.* 2013;305:L651-64. (FC)

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