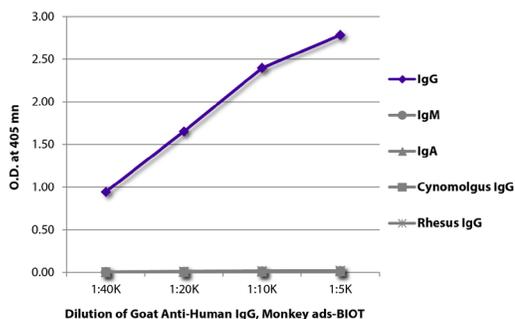




## Goat Anti-Human IgG, Monkey ads

Cat. No.	Format	Size
2049-01	Purified (UNLB)	1.0 mg
2049-02	Fluorescein (FITC)	1.0 mg
2049-04	Alkaline Phosphatase (AP)	1.0 mL
2049-05	Horseradish Peroxidase (HRP)	1.0 mL
2049-08	Biotin (BIOT)	1.0 mg
2049-30	Alexa Fluor® 488 (AF488)	1.0 mg
2049-31	Alexa Fluor® 647 (AF647)	1.0 mg
2049-32	Alexa Fluor® 555 (AF555)	1.0 mg



ELISA plate was coated with purified human IgG, IgM, and IgA, cynomolgus IgG, and rhesus IgG. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG, Monkey ads-BIOT (SB Cat. No. 2049-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

### Description

<b>Specificity</b>	Reacts with the heavy chain of human IgG
<b>Source</b>	Pooled antisera from goats hyperimmunized with human IgG
<b>Cross Adsorption</b>	Human IgM and IgA; rhesus ( <i>Macaca mulatta</i> ) and cynomolgus ( <i>Macaca fascicularis</i> ) IgG; may react with IgG from other species
<b>Purification</b>	Affinity chromatography on human IgG covalently linked to agarose

### Applications

Quality tested applications include –

ELISA  
FLISA

Other referenced applications include –

IP<sup>1,2</sup>

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	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, AF488, and AF555 conjugates	1:200 – 1:400
	AF647 conjugate	≤ 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.	

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## Handling and Storage

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- 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 2.0 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 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- 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

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

## References

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1. Zhang Q, Spellman DS, Song Y, Choi B, Hatcher NG, Tomazela D, et al. Generic automated method for liquid chromatography-multiple reaction monitoring mass spectrometry based monoclonal antibody quantitation for preclinical pharmacokinetic studies. *Anal Chem.* 2014;86:8776-84. (IP)
2. Schroeder KM, Beyer TP, Hansen RJ, Han B, Pickard RT, Wroblewski VJ, et al. Proteolytic cleavage of antigen extends the durability of an anti-PCSK9 monoclonal antibody. *J Lipid Res.* 2015 44075. pii: jlr.M061903. [Epub ahead of print]. (IP)

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