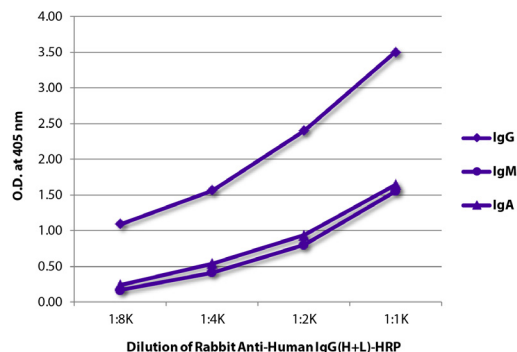




## Rabbit Anti-Human IgG(H+L)

Cat. No.	Format	Size
6140-01	Purified (UNLB)	1.0 mg
6140-02	Fluorescein (FITC)	1.0 mg
6140-04	Alkaline Phosphatase (AP)	1.0 mL
6140-05	Horseradish Peroxidase (HRP)	1.0 mL
6140-08	Biotin (BIOT)	1.0 mg
6140-09	R-phycoerythrin (PE)	0.5 mg



ELISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with Rabbit Anti-Human IgG(H+L)-HRP (SB Cat. No. 6140-05).

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of human IgG and the light chains of human IgM and IgA
<b>Source</b>	Pooled antisera from rabbits hyperimmunized with human IgG
<b>Cross Adsorption</b>	None; may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on human IgG covalently linked to agarose

### Applications

Quality tested applications include –

ELISA <sup>1-3</sup>

FLISA

Other referenced applications include –

FC <sup>4</sup>

ICC <sup>5</sup>

IP <sup>5</sup>

WB <sup>6</sup>

### Working Dilutions

<b>ELISA</b>	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 conjugate	1:200 – 1:400
	PE 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.	

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

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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 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 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 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. Luo W, Lin S, Lo K, Lu C, Hung C, Chen C, et al. Adaptive immune responses elicited by baculovirus and impacts on subsequent transgene expression in vivo. *J Virol.* 2013;87:4965-73. (ELISA)
4. Sackstein R. Directing stem cell trafficking via GPS. *Methods Enzymol.* 2010;479:93-105. (FC)
5. Knight AM, Lucocq JM, Prescott AR, Ponnambalam S, Watts C. Antigen endocytosis and presentation mediated by human membrane IgG1 in the absence of the Igα/Igβ dimer. *EMBO J.* 1997;16:3842-50. (ICC, IP)
6. Di Zenzo G, Calabresi V, Grosso F, Caproni M, Ruffelli M, Zambruno G. The intracellular and extracellular domains of BP180 antigen comprise novel epitopes targeted by pemphigoid gestationis autoantibodies. *J Invest Dermatol.* 2007;127:864-73. (WB)