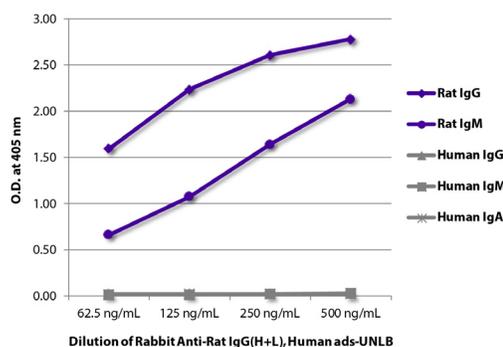




## Rabbit Anti-Rat IgG(H+L), Human ads

Cat. No.	Format	Size
6185-01	Purified (UNLB)	1.0 mg
6185-02	Fluorescein (FITC)	1.0 mg
6185-04	Alkaline Phosphatase (AP)	1.0 mL
6185-05	Horseradish Peroxidase (HRP)	1.0 mL
6185-08	Biotin (BIOT)	1.0 mg



ELISA plate was coated with purified rat IgG and IgM and human IgG, IgM, and IgA. Immunoglobulins were detected with Rabbit Anti-Rat IgG(H+L), Human ads-UNLB (SB Cat. No. 6185-01) followed by Rat Anti-Rabbit Ig-UNLB (SB Cat. No. 4065-05).

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of rat IgG and the light chains of rat IgM
<b>Source</b>	Pooled antisera from rabbits hyperimmunized with rat IgG
<b>Cross Adsorption</b>	Human immunoglobulins and pooled sera; may react with immunoglobulins from other species and the light chains of other rat immunoglobulins
<b>Purification</b>	Affinity chromatography on rat IgG covalently linked to agarose

### Applications

Quality tested applications include –

ELISA<sup>1</sup>

FLISA

Other referenced applications include –

IHC-FS<sup>2,3</sup>

IHC-PS<sup>4</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
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**Other Applications** 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 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.
- 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. Novitzky N, Davison G, Abdulla R, Mowla S. Definition of the variables affecting efficacy of immunodepletion ex vivo of peripheral blood progenitor cell grafts by alemtuzumab (Campath in the bag). *Biol Blood Marrow Transplant.* 2013;19:1753-9. (ELISA)
2. Fang Y, Xu C, Fu Y, Holers VM, Molina H. Expression of complement receptors 1 and 2 on follicular dendritic cells is necessary for the generation of a strong antigen-specific IgG response. *J Immunol.* 1998;160:5273-9. (IHC-FS)
3. Mao D, Wu X, Deppong C, Friend LD, Dolecki G, Nelson DM, et al. Negligible role of antibodies and C5 in pregnancy loss associated exclusively with C3-dependent mechanisms through complement alternative pathway. *Immunity.* 2003;19:813-22. (IHC-FS)
4. SouthernBiotech published data (IHC-PS)