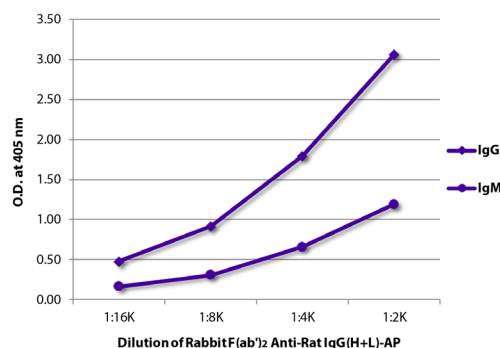




## Rabbit F(ab')<sub>2</sub> Anti-Rat IgG(H+L)

Cat. No.	Format	Size
6130-01	Purified (UNLB)	0.5 mg
6130-02	Fluorescein (FITC)	0.5 mg
6130-03	Rhodamine (TRITC)	0.5 mg
6130-04	Alkaline Phosphatase (AP)	1.0 mL
6130-05	Horseradish Peroxidase (HRP)	1.0 mL
6130-08	Biotin (BIOT)	0.5 mg



ELISA plate was coated with purified rat IgG and IgM. Immunoglobulins were detected with serially diluted Rabbit F(ab')<sub>2</sub> Anti-Rat IgG(H+L)-AP (SB Cat. No. 6130-04).

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of rat IgG and the light chains of rat IgM
<b>Source</b>	Pepsin digest of Rabbit Anti-Rat IgG(H+L) (SB Cat. No. 6180)
<b>Cross Adsorption</b>	None; may react with immunoglobulins from other species and the light chains of other rat immunoglobulins

### Applications

Quality tested applications include –

ELISA  
FLISA

Other referenced applications include –

IHC-FS <sup>1</sup>  
IHC-PS <sup>2</sup>  
ICC <sup>3-6</sup>  
WB <sup>7-9</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
	TRITC conjugate	1:100 – 1:200
<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

---

- 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) and rhodamine (TRITC) conjugates are supplied as 0.5 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 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

---

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

## References

---

1. Cariappa A, Shoham T, Liu H, Levy S, Boucheix C, Pillai S. The CD9 tetraspanin is not required for the development of peripheral B cells or for humoral immunity. *J Immunol.* 2005;175:2925-30. (IHC-FS)
2. Büller NV, Rosekrans SL, Metcalfe C, Heijmans J, van Dop WA, Fessler E, et al. Stromal Indian hedgehog signaling is required for intestinal adenoma formation in mice. *Gastroenterology.* 2015;148:170-80. (IHC-PS)
3. Poglitsch CL, Thompson NL. Interaction of antibodies with Fc receptors in substrate-supported planar membranes measured by total internal reflection fluorescence microscopy. *Biochemistry.* 1990;29:248-54. (ICC)
4. Sergejeva S, Johansson A, Malmhäll C, Lötvall J. Allergen exposure-induced differences in CD34<sup>+</sup> cell phenotype: relationship to eosinophilopoietic responses in different compartments. *Blood.* 2004;103:1270-7. (ICC)
5. Johansson A, Sergejeva S, Sjöstrand M, Lee JJ, Lötvall J. Allergen-induced traffic of bone marrow eosinophils, neutrophils and lymphocytes to airways. *Eur J Immunol.* 2004;34:3135-45. (ICC)
6. Rådinger M, Bossios A, Alm A, Jeurink P, Lu Y, Malmhäll C, et al. Regulation of allergen-induced bone marrow eosinophilopoiesis: role of CD4<sup>+</sup> and CD8<sup>+</sup> T cells. *Allergy.* 2007;62:1410-8. (ICC)
7. Bumgarner GW, Zampell JC, Nagarajan S, Poloso NJ, Dorn AS, D'Souza MJ, et al. Modified cell ELISA to determine the solubilization of cell surface proteins: Applications in GPI-anchored protein purification. *J Biochem Biophys Methods.* 2005;64:99-109. (WB)
8. Ivanov S, Bozinovski S, Bossios A, Valadi H, Vlahos R, Malmhäll C, et al. Functional relevance of the IL-23-IL-17 axis in lungs in vivo. *Am J Respir Cell Mol Biol.* 2007;36:442-51. (WB)
9. Lässer C, Alikhani VS, Ekström K, Eldh M, Paredes PT, Bossios A, et al. Human saliva, plasma and breast milk exosomes contain RNA: uptake by macrophages. *J Transl Med.* 2011;9:9. (WB)