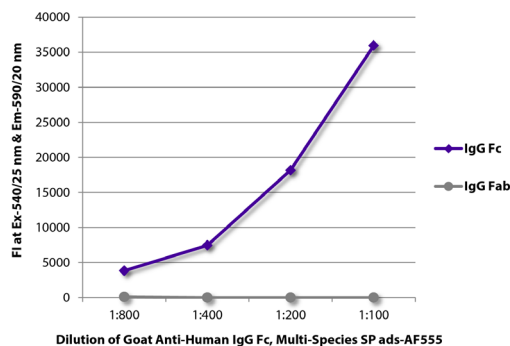




## Goat Anti-Human IgG Fc, Multi-Species SP ads

Cat. No.	Format	Size
2014-01	Purified (UNLB)	0.5 mg
2014-02	Fluorescein (FITC)	0.5 mg
2014-04	Alkaline Phosphatase (AP)	1.0 mL
2014-05	Horseradish Peroxidase (HRP)	1.0 mL
2014-08	Biotin (BIOT)	0.5 mg
2014-09	R-phycoerythrin (PE)	0.25 mg
2014-31	Alexa Fluor® 647 (AF647)	0.5 mg
2014-32	Alexa Fluor® 555 (AF555)	0.5 mg



FLISA plate was coated with purified human IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fc, Multi-Species SP ads-AF555 (SB Cat. No. 2014-32).

### Description

<b>Specificity</b>	Reacts with the Fc region of human IgG
<b>Source</b>	Pooled antisera from goats hyperimmunized with human IgG
<b>Cross Adsorption</b>	Human IgG Fab, IgM, and IgA; rabbit, mouse, rat, bovine, horse, hamster, goat, sheep, chicken, and guinea pig serum proteins (SP); may react with IgG from other species
<b>Purification</b>	Affinity chromatography on human IgG Fc covalently linked to agarose

### Applications

Quality tested applications include –

ELISA  
FLISA

Other applications include –

FC<sup>1</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 – 1:10,000

<b>FLISA</b>	FITC and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL

**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.**

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: [info@southernbiotech.com](mailto:info@southernbiotech.com) • Website: [www.southernbiotech.com](http://www.southernbiotech.com)

## 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) conjugate is 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.
- The R-phycoerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 555 (AF555) and Alexa Fluor® 647 (AF647) conjugates are 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. Wang BT, Schwarzer MA, Keyt BA, Baliga R, inventors; IGM Biosciences, Inc., assignee. Tumor necrosis factor (TNF) superfamily receptor binding molecules and uses thereof. United States patent application publication US 2017/0320955 A1. 2017 Nov 9. (FC)

Alexa Fluor® 488, 647, and 555 are provided under an Intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com).