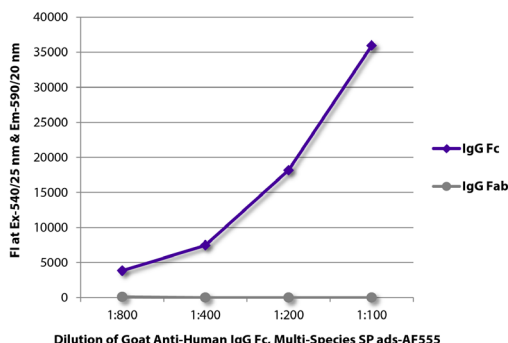




Goat Anti-Human IgG Fc, Multi-Species SP ads

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
2014-30	Alexa Fluor® 488 (AF488)	0.5 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

Specificity	Reacts with the Fc region of human IgG
Source	Pooled antisera from goats hyperimmunized with human IgG
Cross Adsorption	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
Purification	Affinity chromatography on human IgG Fc covalently linked to agarose

Applications

Quality tested applications include –

ELISA
FLISA

Other applications include –

FC¹

Working Dilutions

ELISA	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
FLISA	FITC, AF488, 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.	

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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/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. 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)

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