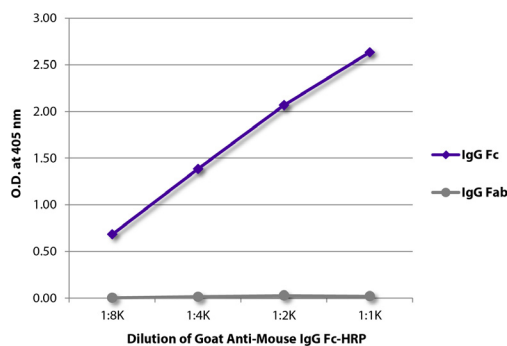




Goat Anti-Mouse IgG Fc

Cat. No.	Format	Size
1033-01	Purified (UNLB)	1.0 mg
1033-02	Fluorescein (FITC)	1.0 mg
1033-04	Alkaline Phosphatase (AP)	1.0 mL
1033-05	Horseradish Peroxidase (HRP)	1.0 mL
1033-08	Biotin (BIOT)	1.0 mg
1033-30	Alexa Fluor [®] 488 (AF488)	1.0 mg
1033-31	Alexa Fluor [®] 647 (AF647)	1.0 mg



ELISA plate was coated with purified mouse IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG Fc-HRP (SB Cat. No. 1033-05).

Description

Specificity	Reacts with the Fc region of mouse IgG ₁ , IgG _{2a} , IgG _{2b} , IgG _{2c} , and IgG ₃
Source	Pooled antisera from goats hyperimmunized with mouse IgG
Cross Adsorption	Mouse IgG Fab, IgM, and IgA; may react with immunoglobulins from other species
Purification	Affinity chromatography on mouse IgG covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹
FLISA

Other referenced applications include –

WB²

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:2,000 – 1:4,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC and AF488 conjugates	1:100 – 1:400
	AF647 conjugate	≤ 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 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), Alexa Fluor® 488 (AF488), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 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 1.0 mg in 2.0 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. Cabral TM, Baig A, Berhane Y, Schmidt L, Hole K, Leith M, et al. Development of neutralizing monoclonal antibodies against the pandemic H1N1 virus (2009) using plasmid DNA immunogen. *J Virol Methods.* 2014;195:54-62. (ELISA)
2. Lin L, Pan S, Zhao J, Liu C, Wang P, Fu L, et al. HSPD1 interacts with IRF3 to facilitate interferon-beta induction. *PLoS One.* 2014;9(12):e114874. (WB)

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