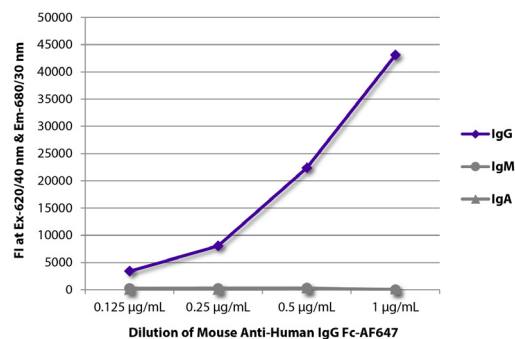




Mouse Anti-Human IgG Fc

Cat. No.	Format	Size
9042-01	Purified (UNLB)	0.5 mg
9042-02	Fluorescein (FITC)	0.5 mg
9042-04	Alkaline Phosphatase (AP)	1.0 mL
9042-05	Horseradish Peroxidase (HRP)	1.0 mL
9042-08	Biotin (BIOT)	0.5 mg
9042-09	R-phycoerythrin (PE)	0.1 mg
9042-11	Allophycocyanin (APC)	0.1 mg
9042-13	Spectral Red [®] (SPRD)	0.1 mg
9042-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
9042-15	Cyanine 5 (CY5)	0.1 mg
9042-30	Alexa Fluor [®] 488 (AF488)	0.1 mg
9042-31	Alexa Fluor [®] 647 (AF647)	0.1 mg
9042-32	Alexa Fluor [®] 555 (AF555)	0.1 mg



FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG Fc-AF647 (SB Cat. No. 9042-31).

Overview

Clone	H2
Isotype	Mouse IgG _{2bκ}
Immunogen	Unknown
Specificity	Human/Rhesus/Cynomolgus/Chimpanzee/African Green Monkey/Mangabey/Pigtail IgG Fc; Mr 150 kDa

Applications

ELISA – Quality tested ¹
 FLISA – Quality tested
 FC – Quality tested ⁴
 ELISPOT – Reported in literature ²
 WB – Reported in literature ³
 Multiplex – Reported in literature ⁵⁻⁹

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:8,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:10,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:600
	AF488 and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	Purified (UNLB) antibody	≤ 1 µg/10 ⁶ cells
	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 ⁶ cells
	CY5 conjugate	≤ 0.3 µg/10 ⁶ cells
	PE, APC, SPRD, and AF647 conjugates	≤ 0.1 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	

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

- The purified (UNLB) antibody is supplied as 0.5 mg of 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 of stock solution in 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 of stock solution in 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) and allophycocyanin (APC) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red[®] (SPRD) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°C.**
- The Cyanine 5 (CY5) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The Alexa Fluor[®] 488 (AF488), Alexa Fluor[®] 647 (AF647), and Alexa Fluor[®] 555 (AF555) conjugates are supplied as 0.1 mg in 0.2 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 (M)SDS.

References

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3. Goodman RE, Panda R, Ariyaratna H. Evaluation of endogenous allergens for the safety evaluation of genetically engineered food crops: review of potential risks, test methods, examples and relevance. *J Agric Food Chem.* 2013;61:8317-32. (WB)
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5. Moss DM, Priest JW, Boyd A, Weinkopff T, Kucerova Z, Beach MJ, et al. Multiplex bead assay for serum samples from children in Haiti enrolled in a drug study for the treatment of lymphatic filariasis. *Am J Trop Med Hyg.* 2011;85:229-37. (Multiplex)
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10. Nonhuman Primate Reagent Resource (Rhesus, Cynomolgus, Chimpanzee, African Green Monkey, Mangabey, & Pigtail Reactivity)

Spectral Red[®] is a registered trademark of Southern Biotechnology Associates, Inc.

Spectral Red[®] is a PE/CY5 tandem conjugate.

Cy[®] is a registered trademark of GE Healthcare.

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