



Mouse Anti-Monkey IgG

Cat. No.	Format	Size
4700-01	Purified (UNLB)	0.5 mg
4700-02	Fluorescein (FITC)	0.5 mg
4700-04	Alkaline Phosphatase (AP)	1.0 mL
4700-05	Horseradish Peroxidase (HRP)	1.0 mL
4700-08	Biotin (BIOT)	0.5 mg
4700-09	R-phycoerythrin (PE)	0.1 mg
4700-30	Alexa Fluor [®] 488 (AF488)	0.1 mg
4700-31	Alexa Fluor [®] 647 (AF647)	0.1 mg
4700-32	Alexa Fluor [®] 555 (AF555)	0.1 mg

Overview

Clone	SB108a
Isotype	Mouse (BALB/c) IgG _{1κ}
Immunogen	Rhesus IgG
Specificity	Rhesus and cynomolgus IgG Minimal reactivity to human and rabbit immunoglobulins, goat IgG, and mouse, rat, hamster, guinea pig, sheep, donkey, bovine, horse, porcine, feline, and chicken serum

Applications

ELISA – Quality tested ¹⁻⁸
 FLISA – Quality tested
 FC – Reported in literature ⁹
 WB – Reported in literature ¹⁰

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:10,000
FLISA	FITC, AF488, and AF555 conjugates	1:200 – 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.

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) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- 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. Ferraro B, Talbot KT, Balakrishnan A, Cisper N, Morrow MP, Hutnick NA, et al. Inducing humoral and cellular responses to multiple sporozoite and liver-stage malaria antigens using exogenous plasmid DNA. *Infect Immun*. 2013;81:3709-20. (ELISA)
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5. Sholukh AM, Watkins JD, Vyas HK, Gupta S, Lakhashe SK, Thorat S, et al. Defense-in-depth by mucosally administered anti-HIV dimeric IgA2 and systemic IgG1 mAbs: complete protection of rhesus monkeys from mucosal SHIV challenge. *Vaccine*. 2015;33:2086-95. (ELISA)
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7. Yang Z, Wang H, Salcedo TW, Suchard SJ, Xie JH, Schneeweis LA, et al. Integrated pharmacokinetic/pharmacodynamic analysis for determining the minimal anticipated biological effect level of a novel anti-CD28 receptor antagonist BMS-931699. *J Pharmacol Exp Ther*. 2015;355:506-15. (ELISA)
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9. Guo J, Zuo T, Cheng L, Wu X, Tang J, Sun C, et al. Simian immunodeficiency virus infection evades vaccine-elicited antibody responses to V2 region. *J Acquir Immune Defic Syndr*. 2015;68:502-10. (FC)
10. Parks CL, Koff WC, inventors; International AIDS Vaccine Initiative, assignee. Transgenic Vero-CD4-CCR5 cell line. United States patent application publication US 2017/0266272 A1. 2017 Sep21. (WB)

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