



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-HIV-1 p24 Monoclonal (AG3.0)

**Catalog Number:** 4121

**Lot Number:** 100155

**Release Category:** E

**Provided:** 1.5 mL tissue culture supernatant.

**Host:** Balb/c splenocyte x SSP2/10 myeloma.

**Special Characteristics:** This broadly reactive IgG monoclonal recognizes p24, p55, and p150 (gag-pol) from HIV-1, HIV-2, and SIV in immunoblots and RIPA. Use at 1:40 in FACS and antigen capture assays and at 1:250 for immunohistochemistry.

Endotoxin: 41.055 EU/mL [Lot 4 051146]

NOTE: Endotoxin has been shown to induce chemokines and other soluble HIV and SIV inhibitory factors in primary cultures of PBMC, monocytes and macrophages (Verani et al., J Exp Med 185:805-816, 1997; J Immunol 168:6388-6396, 2002; Montefiori in preparation). Thus, caution is advised when using this reagent for in vitro studies involving primary cells.

**Recommended Storage:** -80°C

**Contributor:** Dr. Jonathan Allan.

**Isotype:** IgG<sub>1</sub>

**References:** Simm M, Shahubuddin M, Chao W, Allan JS, Volsky DJ. Aberrant Gag protein composition of a human immunodeficiency virus type 1 *vif* mutant produced in primary lymphocytes. *J Virol* **69**:4582-4586, 1995.

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-HIV-1 p24 Monoclonal (AG3.0) from Dr. Jonathan Allan." Also include the reference cited above in any publications.

**Limited to one aliquot per laboratory per year.**

**Recipient must not use or incorporate the reagent for commercial purposes.**

**Last Updated**

December 18, 2017

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