



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Monoclonal Antibody (Chessie 6)
Catalog Number:	810
Lot Number:	041245
Release Category:	B
Provided:	1 ml culture supernatant.
Special Characteristics:	<p>This antibody reacts with gp160 and is specific for gp120 as determined by ELISA and Western blot. This antibody shows a weaker reaction with gp160 than the antibody produced by Chessie 13. The epitope has been mapped to amino acids 94-97 of LAI gp120 (FNMW).</p> <p>Endotoxin: 10.80 EU/mL*</p> <p>*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.</p>
Recommended Storage:	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. George K. Lewis.
Isotype:	IgG ₁ .
References:	Abacioglu YH, Fouts TR, Laman JD, Claassen E, Pincus SH, Moore JP, Roby CA, Kamin-Lewis R, Lewis GK. Epitope mapping and topology of baculovirus-expressed HIV-1 gp160 determined with a panel of murine monoclonal antibodies. <i>AIDS Res Hum Retroviruses</i> 10 :371-381, 1994.

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: Chessie 6 Monoclonal Antibody from Dr. George Lewis." Also include the reference cited above in any publications.

Last Updated March 24, 2015

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