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DATA SHEET

Reagent:	HG120 mAb
Catalog Number:	12554
Lot Number:	140150
Release Category:	C
Provided:	50 µg at 1.0 mg/mL in phosphate buffered saline, pH 7.4.
Description:	Recombinant human antibody recognizing the V2 region of HIV-1 envelope. This antibody was produced in 293 cells and purified using Protein A chromatography.
Host Site:	Human
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:	Duke Human Vaccine Institute, Duke University Medical Center
Isotype:	IgG1
References:	Bonsignori, M., Pollara, J., Moody, M. A., Alpert, M. D., Chen, X., Hwang, K. K., Gilbert, P. B., Huang, Y., Gurley, T. C., Kozink, D. M., Marshall, D. J., Whitesides, J. F., Tsao, C. Y., Kaewkungwal, J., Nitayaphan, S., Pitisuttithum, P., Rerks-Ngarm, S., Kim, J. H., Michael, N. L., Tomaras, G. D., Montefiori, D. C., Lewis, G. K., DeVico, A., Evans, D. T., Ferrari, G., Liao, H. X. & Haynes, B. F. (2012). Antibody-dependent cellular cytotoxicity-mediating antibodies from an HIV-1 vaccine efficacy trial target multiple epitopes and preferentially use the VH1 gene family. J Virol 86, 11521-32. Liao, H. X., Bonsignori, M., Alam, S. M., McLellan, J. S., Tomaras, G. D., Moody, M. A., Kozink, D. M., Hwang, K. K., Chen, X., Tsao, C. Y., Liu, P., Lu, X., Parks, R. J., Montefiori, D. C., Ferrari, G., Pollara, J., Rao, M., Peachman, K. K., Santra, S., Letvin, N. L., Karasavvas, N., Yang, Z. Y.,Dai, K., Pancer, M., Gorman, J., Wiehe, K., Nicely, N. I., Rerks-Ngarm,S., Nitayaphan, S., Kaewkungwal, J., Pitisuttithum, P., Tartaglia, J., Sinangil, F., Kim, J. H., Michael, N. L., Kepler, T. B., Kwong, P. D., Mascola, J. R., Nabel,

G. J., Pinter, A., Zolla-Pazner, S. & Haynes, B. F. (2013).

Vaccine induction of antibodies against a structurally heterogeneous site of immune pressure within HIV-1 envelope protein variable regions 1 and 2. Immunity 38, 176-86.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HG120 from Drs. Barton F. Haynes and Hua-Xin Liao." Also include the references cited above in any publication.

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