



NIH AIDS Reagent Program

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DATA SHEET

Reagent: CH106 mAb

Catalog Number: 12566

Lot Number: 140162

Release Category: C

Provided: 50 µg at 1.0 mg/mL in phosphate buffered saline, pH 7.4

Description: Recombinant human antibody recognizing the CD4 binding site of HIV-1 envelope. It contains S298A/E333A/K334A/N429A mutations in the IgG1 constant region, which have been shown to aid ADCC activity. This antibody was produced in CHO cells and purified using Protein A chromatography.

Host: 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: Liao, H. X., Lynch, R., Zhou, T., Gao, F., Alam, S. M., Boyd, S. D., Fire, A. Z., Roskin, K. M., Schramm, C. A., Zhang, Z., Zhu, J., Shapiro, L., Mullikin, J. C., Gnanakaran, S., Hraber, P., Wiehe, K., Kelsoe, G., Yang, G., Xia, S. M., Montefiori, D. C., Parks, R., Lloyd, K. E., Searce, R. M., Soderberg, K. A., Cohen, M., Kamanga, G., Louder, M. K., Tran, L. M., Chen, Y., Cai, F., Chen, S., Moquin, S., Du, X., Joyce, M. G., Srivatsan, S., Zhang, B., Zheng, A., Shaw, G. M., Hahn, B. H., Kepler, T. B., Korber, B. T., Kwong, P. D., Mascola, J. R. & Haynes, B. F. (2013). Co- evolution of a broadly neutralizing HIV-1 antibody and founder virus. *Nature* 496, 469-76.

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: CH106 from Drs. Barton F. Haynes and Hua-Xin Liao." Also include the references cited above in any publication.

Last Updated

December 08, 2015

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