



NIH AIDS Reagent Program

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DATA SHEET

Reagent: PG9-ibalizumab (PG9-iMab)

Catalog Number: 12633

Lot Number: 140312

Release Category: E

Provided: 11.6 μ L at 8.63 mg/mL

Description: Bispecific antibody that combines the HIV-1 inhibitory activity of ibalizumab (iMab), a humanized mAb directed to domain 2 of human CD4, with that of the anti-gp120 bNAb, PG9.

Special Characteristics: The single-chain variable fragment (scFv) of PG9 was fused to the N terminus of the heavy chain of ibalizumab (iMab) via a flexible, 15-aa glycine-serine linker.

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. David Ho and Dr. Craig Pace, ADARC

References: Pace CS, Song R, Ochsenbauer C, Andrews CD, Franco D, Yu J, Oren DA, Seaman MS, Ho DD. Bispecific antibodies directed to CD4 domain 2 and HIV envelope exhibit exceptional breadth and picomolar potency against HIV-1. Proc Natl Acad Sci U S A. 2013 Aug 13;110(33):13540-5.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat#12633 PG9-iMab from Drs. Craig Pace and David Ho." Also include the reference cited above in any publications.

Last Updated September 16, 2015

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.

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