

Data Sheet

NAME :	HIV-1 CD4bd Monoclonal Antibody (654-D)
REPOSITORY REFERENCE :	ARP 3220
PRESENTATION:	0.5 ml tissue culture supernatant, 49.1 µg/ml In medium: RPMI 1640, 15% FBS, 2mM L- glutamine 100 IU/ml penicillin, 100 µg/ml streptomycin
EXPRESSION SYSTEM:	Human (EBV transformed B cell fused with Heteromyeloma SHM-D33)
ISOTYPE:	IgG ₁ , λ chain
TITRE:	ELISA: 1:1000
SPECIAL CHARACTERISTICS :	This mAb recognizes a discontinuous epitope on gp 120 and its binding depends on the tertiary protein structure and intact carbohydrates (1). The epitope, though infrequently detected, is expressed on cells infected with various clades (2). MAb 654-D blocks binding of soluble CD4 to recombinant gp120 _{IIIB} (1) and neutralizes laboratory isolates IIIB and primary isolate BZ167 at 2 µg/ml (3,4).
SOURCE :	Dr. Susan Zolla-Pazner

REFERENCE :

1. Gorny MK et al, J Virol. 68:8312, 1994
2. Zolla-Pazner S. et al. J. Virol. 69:3807, 1995
3. Laal S, et al. J. Virol. 68:4001, 1994
4. Hioe CE et al. Int. Immunol, 9:1281, 1997

RESTRICTIONS:

Limited to 1 aliquot per laboratory

ACKNOWLEDGEMENTS :

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