

Centre For AIDS Reagents

Data Sheet

DESCRIPTION:	HIV-1 gp120 Monoclonal Antibody (F105)
REPOSITORY REFERENCE:	ARP3115
SPECIAL CHARACTERISTICS:	F105 reacts with a discontinuous or conformational, gp120 epitope. Binds to gp120 on the surface of IIB, SF2, MN, RF, and CC-infected cells. Neutralises SF2, IIB, and MN infection at concentrations ranging from 140 ng/ml to 10µg/ml.
HOST:	Human EBV-transformed B cell x HMMA2.11TG/O myeloma.
ISOTYPE:	IgG ₁ ,k chain
TITRE:	Use 2µg of antibody per million cells in flow cytometry and immunofluorescent assays, and 1-10µg/ml for neutralisation assays. Other applications will vary with the requirements of the experimental system.
PRESENTATION:	100µg protein G purified from tissue culture supernatant, and dialysed against PBS. The antibody is stable at this concentration. If a less concentrated stock is needed, dilute the material no further than 1mg/ml, and use it within three months.
STORAGE:	Store at concentrations >1mg/mL at 4°C or in aliquots at -70°C. Multiple freeze thaws should be avoided.
SOURCE:	Dr Marshall Posner
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the “Acknowledgement” section at:- www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.