

**Centre For AIDS Reagents**

**Data Sheet**

<b>REAGENT:</b>	MOLT-4/CCR5
<b>REPOSITORY REFERENCE:</b>	ARP5039
<b>DESCRIPTION:</b>	CCR5 expression plasmid was transfected into MOLT-4 cells. Stable transfectants were selected in culture medium containing G418 (1mg/ml). The expression of CCR5 on their surface was analyzed by laser flow cytometry.
<b>SPECIAL CHARACTERISTICS:</b>	MOLT4/CCR5 highly susceptible to R5 HIV Type 1. CCR5 expression detectable by FACS (>96%).
<b>PROVIDED:</b>	4.5x10 <sup>6</sup> cells/mL. Viability is 70%.
<b>CULTURE MEDIUM:</b>	RPMI 1640 medium supplemented with G418 (1mg/ml), 10% FBS.
<b>RECOMMENDED STORAGE:</b>	Liquid nitrogen.
<b>SOURCE:</b>	Dr. Masanori Baba, Dr. Hiroshi Miyake, and Dr. Yuji Iizawa.
<b>REFERENCES:</b>	Baba M, Miyake H, Okamoto M, Iizawa Y, Okonogi K. Establishment of a CCR5-expressing T-lymphoblastoid cell line highly susceptible to R5 HIV Type 1. AIDS Research and Human Retroviruses 16(10):935-941, 2000.
<b>ACKNOWLEDGEMENTS:</b>	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:-  <a href="http://www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx">www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx</a>  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.