

**Data Sheet**

<b>NAME:</b>	PM1
<b>REPOSITORY REFERENCE:</b>	ARP057
<b>SPECIES/TYPE:</b>	Clonal derivative of HUT 78.
<b>SPECIAL CHARACTERISTICS:</b>	Cells grow in suspension. Cells are permissive for growth of Macrophage and T-cell trophic viruses.
<b>CULTURE MEDIUM:</b>	RPMI 1640, 90% Foetal calf serum, 10%
<b>NOTE:</b>	CCR5 expression is commonly low in PM1 cells so a figure of 5.8% is a normal level, although clearly detectable using mAb 2D7 and obviously sufficient to mediate HIV-1 entry. The optimal growth conditions for PM1 cells are a cell density of 1x10 <sup>5</sup> cells/ml after refeeding, with a regular refeeding schedule of twice weekly. When they are grown at higher cellular density, they may start to lose CCR5 expression intensity and show prominent spontaneous apoptosis.
<b>STORAGE:</b>	Liquid nitrogen
<b>SOURCE:</b>	Dr Marvin Reitz (courtesy of the NIH AIDS Research and Reference Reagent Program).
<b>REFERENCE:</b>	Lusso P et al (1995), J Virol <b>69</b> : 3712-3720

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Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)