ABSTRACT

PROLIFERATING AGENT FOR MONOCYTE, CULTURE MEDIUM FOR PROLIFERATING MONOCYTE, METHOD FOR PRODUCING MONOCYTE, METHOD FOR PRODUCING DENDRITIC CELL, AND METHOD FOR PRODUCING DENDRITIC CELL VACCINE

The purpose of the present invention is to provide a means for proliferating a monocyte with high efficiency and in a simple manner. The present invention provides a proliferating agent for a monocyte, which consists of at least one component selected from Flt-3L, IL-3 and IFN-γ and can be used before a treatment for differentiation of a monocyte into a dendritic cell. The present invention also provides a culture medium for use in the proliferation of a monocyte, which contains at least one component selected from Flt-3L, IL-3 and IFN-γ and can be used before a treatment for differentiation of a monocyte into a dendritic cell. The culture medium for use in the proliferation of a monocyte according to the present invention may contain GM-CSF.

Figure 1