ABSTRACT

A method for producing a monkey-derived embryonic stem cell comprising the steps of carrying out fertilization by insemination by *in vitro* fertilization or intracytoplasmic sperm injection using a monkey ovum and monkey sperms, thereby giving a fertilized ovum, allowing the fertilized ovum to differentiate into a blastocyst by *in vitro* culture, and establishing an ES cell line using the blastocyst; the monkey ES cell obtained by the method, a method for screening a reagent for specific differentiation into cell or tissue by using the ES cell; and a differentiated cell or differentiated tissue each differentiated from the ES cell. According to the present invention, applications of the embryonic stem cells to embryological studies clinical applications, experimental models, and the like on primates, studies of diseases, are expected.



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