

OP9 | 305174

Description

OP9 is a cell line derived from the OP9 stromal cell line, which is a mouse osteogenic precursor cell line. It is used for the differentiation of hematopoietic stem cells. The cell line is characterized by its ability to support the differentiation of various types of blood cells, including myeloid and lymphoid cells. It is commonly used in research to study the development and differentiation of the hematopoietic system.

Organism

Tissue

Synonyms

Breed/Subspecies (C57BL/6 x C3H) F2-op/op/op

Age

Morphology

Growth properties

Citation OP9 (305174)

Biosafety level 1

NCBI_TaxID 10090

CellSaurusAccession CVCL_4398

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Culture Medium Alpha MEM 2.0 / 1.0

Supplements 20% FBS

Dissociation Reagent

Subculturing PBS

Split ratio 1:2 1:4

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. ...
 2. ... -150
 3. ... 37
 4. ... 70%
 5. ... 15 ... 8
 6. ... 300 x 3
 7. ... 10
 8. ...

Incubation Atmosphere 37

Flask Coating

