

Confocal IF analysis of human iPS cells using antibodies in the StemLite™ Pluripotency IF Kit #9656 labeled in green. Actin filaments have been labeled with DY-554 phalloidin (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).

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StemLite™ Pluripotency IF Kit

from Cell Signaling Technology®

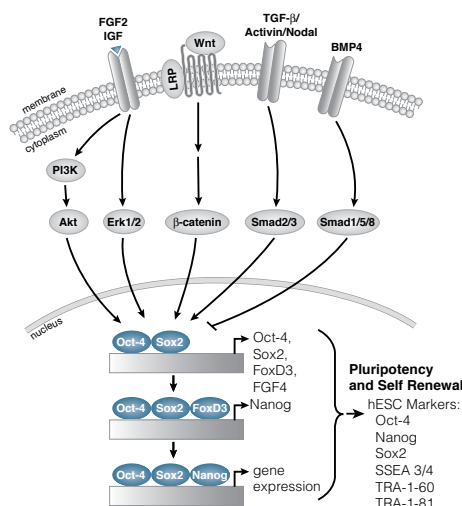
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StemLite™ Pluripotency IF Kit can be used to analyze the pluripotent or undifferentiated status of human embryonic stem cells (hESC) or induced pluripotent stem (iPS) cells. Loss of marker expression indicates loss of pluripotency or differentiation of the culture.

Kit components are formulated for parallel use in immunofluorescence, and enough reagents for 100 assays are provided.

Kit includes antibodies for detection of the following pluripotency markers:

- | | |
|-----------------------------------|--|
| Oct-4A (C30A3) Rabbit mAb | SSEA4 (MC813) Mouse mAb |
| Sox2 (D6D9) XP™ Rabbit mAb | TRA-1-60(S) (TRA-1-60(S)) Mouse mAb |
| Nanog Antibody | TRA-1-81 (TRA-1-81) Mouse mAb |



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