



Cell lines successfully transfected with

MACSfectin™ Reagent

Immunology research

Cell line	Cell type	Species	Culture Type	Efficiency*
Jurkat	T cell leukemia	Human	Suspension	++
K-562	Chronic myelogenous leukemia	Human	Suspension	++
Sp2/0	Myeloma	Mouse	Suspension	+
U-937	Histiocytic lymphoma	Human	Suspension	+

Cancer research

Cell line	Cell type	Species	Culture Type	Efficiency*
A-375	Malignant melanoma	Human	Adherent	++
A-549	Lung carcinoma	Human	Adherent	++
HeLa	Adenocarcinoma	Human	Adherent	++++
SK-MEL-5	Malignant melanoma	Human	Adherent	++++
EL-4	Thymoma (clone B5)	Mouse	Suspension	+
WERI-Rb-1	Retinoblastoma	Human	Suspension	++

Stem cell research

Cell line	Cell type	Species	Culture Type	Efficiency*
HM1	Embryonic stem cell	Mouse	Adherent / Suspension	+++

Neuroscience

Cell line	Cell type	Species	Culture Type	Efficiency*
IMR-32	Neuroblastoma	Human	Adherent	++++

Other

Cell line	Cell type	Species	Culture Type	Efficiency*
293T	Embryonal kidney	Human	Adherent	++++
CHO	Chinese hamster ovary cells	Hamster	Adherent	++++
CHO-K1	Chinese hamster ovary cells	Hamster	Adherent	+++
COS-7	African green monkey kidney	Monkey	Adherent	++++
L-929	Connective tissue fibroblast	Mouse	Adherent	+
NIH/3T3	Fibroblast	Mouse	Adherent	++++

* Transfection efficiency has been determined by flow cytometric analysis of the human CD4 surface marker using the MACSQuant® Analyzer.

Efficiency: ++++ = 75–100%, +++ = 50–75%, ++ = 25–50%, + = 0–25%



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