

PolyMag & Neo Citations

Cell Lines

Cell Line	Origin / Description	Type	Product	Publication
3Y1	Fibroblast	Rat	PolyMag	P. Huang, et al. Oncogene . 2007 1-15
AR42J	Pancreatic	Rat	PolyMag	HL. Ashurst, et al. Exp Physiol . 2008 93 (2) 223-236
C6	Glioma	Rat	PolyMag	F. Kievit et al. Adv. Funct. Mater . 2009, (19), 1-8
CHO	Ovary	Hamster	PolyMag	MP. Pinto, et al. J Biol Chem . 2006 Nov 10;281(45):34492-502
CHO K1	Ovary	Hamster	PolyMag	F. Scherer, et al. Gene Therapy . 2002 Jan;9(2):102-9.
COS7	Kidney	Monkey	PolyMag	P. Huang, et al. Oncogene . 2007 1-15
COS7	Kidney	Monkey	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
D3ES (ES-D3)	Embryonic Stem Cells	Mouse	PolyMag	CH Lee et al. Stem Cells and Development 17:133–141 (2008)
H292	Lung epithelial cells	Human	PolyMag	J; Dobson et al. European Cells and Materials Vol. 16. Suppl. 3, 2008 (page 48)
H441	lung epithelial carcinoma	Human	PolyMag	CM. Schmidt, et al. Molecular Therapy . Volume 13, Supplement 1, May 2006
HaCaT	Keratinocytes	Human	PolyMag	V. Arnoux et al. Mol Cell Biol . 2008, Aug 20. [Epub ahead of print]
HEK-293	Embryonic kidney	Human	PolyMag	V. Deleuze, et al. Mol Cell Biol . 2007 Apr;27(7):2687-97
HEK-293	Embryonic kidney	Human	PolyMag	A. Nakamura et al. Experimental and Toxicologic Pathology 59 (2007) 1–7
HeLa	Cervical epithelial carcinoma	Human	PolyMag	O. Mykhaylyk, et al. J. Magn. Magn. Mater . 311 (2007) 275–281
HeLa	Cervical epithelial carcinoma	Human	PolyMag	U. Schillinger, et al. J. Magn. Magn. Mater . 2005 May; 293(1):501-508
HeLa	Cervical epithelial carcinoma	Human	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
HMEC-1	Microvascular endothelium	Human	PolyMag	C. Sapet, et al. Blood . 2006 Sep 15;108(6):1868-76
HPE-GAC3	Gastric cancer cell line	Human	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
HSC39	Gastric cancer cell line	Human	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
HSC43	Gastric cancer cell line	Human	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
HSC45	Gastric cancer cell line	Human	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
K562	Chronic myelogenous leukemia	Human	PolyMag	F. Scherer, et al. Gene Therapy . 2002 Jan;9(2):102-9.
MCF-7	Breast adenocarcinoma	Human	PolyMag	W Wei et al. J. Huazhong Univ Sci Technolog Med Sci , 2006 26: 728
MDCK	Kidney epithelial cells	Canine	PolyMag	T. Hasegawa, et al. Histochem Cell Biol . 2007 Mar;127(3):233-41.
MEF	Embryonic fibroblasts	Mouse	PolyMag	C. Ufer et al Genes Dev . 2008 22:1838-1850
MKN-45	Gastric cancer cell line	Human	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606
NCI-H292	lung mucoepidermoid carcinoma	Human	PolyMag	S. C. McBain et al. J. Mater. Chem. , 2007, 17, 2561–2565
NCI-H292	lung mucoepidermoid carcinoma	Human	PolyMag	S. C. McBain et al. Nanotechnology 2008 doi:10.1088/0957-4484/19/40/405102
NCI-H292	lung mucoepidermoid carcinoma	Human	PolyMag	H. Yiu et al. J. Biomed Mater Res . 2009 epub
NIH-3T3	Embryonic fibroblasts	Mouse	PolyMag	O. Mykhaylyk, et al. J. Magn. Magn. Mater . 311 (2007) 275–281

NIH-3T3	Embryonic fibroblasts	Mouse	PolyMag	F. Scherer, et al. Gene Therapy . 2002 Jan;9(2):102-9.
NIH-3T3	Embryonic fibroblasts	Mouse	PolyMag	CH Lee et al. Stem Cells and Development 17:133–141 (2008)
RIE-1	Intestinal epithelial cells	Rat	PolyMag	YB. Kim, et al. J Biol Chem . 2008 Feb 5 [Epub ahead of print]
SK-N-BE2	Neuroblastoma	Human	PolyMag	M. Kaneko, et al. Exp Cell Res . 2006 Jul 1;312(11):2028-39
TKD2	Endothelial	Murine	PolyMag	Y. Namiki et al. Nature Nanotechnology . 2009, vol 4, 598-606

Primary Cells

Primary Cell	Origin / Description	Type	Product	Publication
Chondrocytes	Articular	Rabbit	PolyMag	U. Schillinger, et al. J Magn Magn Mat . 2005; 293:501-508
Chondrocytes	Articular	Human	PolyMag	AD. Recklies, et al. J Biol Chem . 2005 Dec 16;280(50):41213-21
Dendritic cells	/	Human	PolyMag	M.T. Melki et al. PLoS Pathog . 2010 Apr 15;6(4):e1000862.
Embryonic Stem Cells	Embryo (D3 mES)	Mouse	PolyMag	CH Lee et al. Stem Cells and Development 17:133–141 (2008)
Endothelial cells	Cord blood	Human	PolyMag	V. Deleuze, et al. Mol Cell Biol . 2007 Apr;27(7):2687-97
Epithelial	Kidney proximal tubule	Chicken	PolyMag	AM Bataille, et al. Am J Physiol Regul Integr Comp Physiol . 2008 Oct;295:R2024-33
Epithelial	Corneal	Human	PolyMag Neo	M. Ueta et al. Brain Res. Bull . 2009 doi:10.1016/j.brainresbull.2009.10.001
Fibroblasts	/	Mouse	PolyMag	M. Fransen, et al. J Mol Biol . 2005 Mar 11;346(5):1275-86
Fibroblasts	Primary and Tumoral (Human mouth epidermal)	Human	PolyMag	Ji JH, et al. J Oral Pathol Med . 2009
HUVECs	Umbilical vein endothelium	Human	PolyMag	M. Doshida, et al. J Biol Chem . 2006 Aug 25;281(34):24270-8
HUVECs	Umbilical vein endothelium	Human	PolyMag	D. Nagata, et al. Hypertension . 2006 Jul;48(1):165-71
HUVEC	Umbilical vein endothelium	Rat	PolyMag	V. Deleuze, et al. Mol Cell Biol . 2007 Apr;27(7):2687-97
Spermatozoa	Spermatozoa	Duroc Boar	PolyMag	TS. Kim, et al. Reprod Dom Anim . doi: 10.1111/j.1439-0531.2009.01516.x
T lymphocytes (CD4+)	PBMC	Human	PolyMag	Cho ML, et al. Immuno. Letters 123 (2009) 21-30

“In Vivo” Citations

Type	Description	Product	Publication
Feline	Fibrosarcoma	PolyMag	U. Schillinger, et al. J. Magn. Magn. Mater . 2005 May; 293(1):501-508
Mouse	Abdominal cavity	PolyMag	F. Krotz, et al. Molecular Therapy . 2003 May;7(5 Pt 1):700-10
Rabbit	Ear artery	PolyMag	C. Plank, et al. Expert Opin Biol Ther . 2003 Aug;3(5):745-58
Rat	Jejunum	PolyMag	C. Plank, et al. Expert Opin Biol Ther . 2003 Aug;3(5):745-58