

Dharmacon™ Accell™ siRNA References

Dharmacon™ Accell™ siRNA reagents are specially modified for use in difficult-to-transfect cells without the need for transfection reagents, virus, or electroporation. The following selected peer-reviewed publications have cited their successful use in a variety of experimental systems.

*For more references that use our siRNA for *in vivo* applications, please see our [in vivo siRNA reading list](#).

Established cell lines

ARPE-19 (human retinal epithelial cells) - 38
 BxPC3 (pancreatic tumor cell lines) - 9
 C1 tumor derived cells - 51
 CD4+ primary human T cells - 4, 70
 CD14+ primary monocytes - 21, 35
 DG-75 human B lymphocytes - 77
 GH3 (rat somatotrophs pituitary cell line) - 61
 H9 stem cell lines - 48
 HCT-116 (colorectal carcinoma) - 27
 HUVEC - 28
 JJN3(plasma cell leukemia) - 43
 KG1 (human acute myelogenous leukemia (AML) macrophage cell line) - 67
 LUHMES (Lund human mesencephalic cells) - 68
 MEC1 (human chronic B cell leukemia) - 14
 MN-1 - 34
 MS1 (mouse pancreatic islet endothelial cells) - 22
 NOD CD4+CD25- splenic cells - 40
 NOXA - 43
 OVCA 420 (ovarian carcinoma) - 57
 PGA-1 (lymphocytic leukemia B cell line) - 66
 RAW264.7 macrophages - 54
 SHSY5Y (neuroblastoma) - 12, 25, 65
 SKBR3 (ER-/PR-/HER2+ breast cancer cell line) - 71
 SNB19 glioma cells - 13
 T47D (ductal breast epithelial tumor cell line) - 23
 T98 glioma cells - 13
 THP-1 monocytes - 11, 26, 45, 50, 62
 U266 (peripheral blood B lymphocyte myeloma) - 43
 U937 (leukemic monocyte lymphoma) - 53

Primary cells & *in vivo*

β -islet cells - 15
 Bone marrow cells - 10, 17
 Bronchial smooth muscle cells (BSMC) - 29, 30
 Cardiomyocytes - 5
 Cerebellar granule neurons (CGN) - 8, 69
 Colon stem/progenitor cells - 75
 Corneal endothelial cells (adult human CECs), and ex vivo human corneal endothelium - 74
 Cortical neurons - 1, 8, 44, 58, 68
 Endometrial cells - 16
 Endothelial cells - 7, 36
 Extravillous trophoblasts (EVT) - 31
 Fibroblasts (primary) - 72
 Hepatocytes - 39, 41, 49
 Immortalized B cells - 64
 Keratinocytes - 56
 Lung epithelial cells - 79
 Lymphocytes - 46
 Macrophages - 3, 37, 52
 Mantle cell lymphoma cells (MCL) - 47
 Monocytes - 19
 Mouse embryonic fibroblasts (MEF) - 24
 Naïve fetal T cells - 81
 Natural killer (NK) cell line - 60
 Neonatal mouse ovary - 80
 Neurons (primary rat) - 20
 Neurons derived from iPS cells - 73
 Oligodendrocyte precursors - 59
 Pancreatic tumor cell lines - 9
 Peripheral blood mononuclear cells (PBMC) - 6, 33, 84
 Regulatory T cells - 82
 Stem cell-derived peripheral neurons - 78
 Vascular smooth muscle cells (VSMC) - 2, 63
In vivo skin delivery - 18
In vivo rat periodontal model - 32
In vivo mouse intradermal injection - 42
In vivo mouse model - 55, 83
In vivo mouse brain - 68
In vivo rat brain - 85, 86, 87



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