

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) - 39
 BxPC3 (pancreatic tumor cell lines) - 9
 C1 tumor derived cells - 52
 Caco-2 (colon colorectal adenocarcinoma) - 27
 CD4+ primary human T cells - 4, 71
 CD14+ primary monocytes - 21, 36
 DG-75 human B lymphocytes - 78
 GH3 (rat somatotrophs pituitary cell line) - 62
 H9 stem cell lines - 49
 HCT-116 (colorectal carcinoma) - 28
 HUVEC - 29
 JLN3(plasma cell leukemia) - 44
 KG1 (human acute myelogenous leukemia (AML) macrophage cell line) - 68
 LUHMES (Lund human mesencephalic cells) - 69
 MEC1 (human chronic B cell leukemia) - 14
 MN-1 - 35
 MS1 (mouse pancreatic islet endothelial cells) - 22
 NOD CD4+CD25- splenic cells - 41
 NOXA - 44
 OVCA 420 (ovarian carcinoma) - 58
 PGA-1 (lymphocytic leukemia B cell line) - 67
 RAW264.7 macrophages - 55
 SHSY5Y (neuroblastoma) - 12, 25, 66
 SKBR3 (ER-/PR-/HER2+ breast cancer cell line) - 72
 SNB19 glioma cells - 13
 T47D (ductal breast epithelial tumor cell line) - 23
 T98 glioma cells - 13
 THP-1 monocytes - 11, 26, 46, 51, 63
 U266 (peripheral blood B lymphocyte myeloma) - 44
 U937 (leukemic monocyte lymphoma) - 54

Primary cells & *in vivo*

β-islet cells - 15
 Bone marrow cells - 10, 17
 Bronchial smooth muscle cells (BSMC) - 30, 31
 Cardiomyocytes - 5
 Cerebellar granule neurons (CGN) - 8, 70
 Colon stem/progenitor cells - 76
 Corneal endothelial cells (adult human CECs), and ex vivo human corneal endothelium - 75
 Cortical neurons - 1, 8, 45, 59, 69
 Endometrial cells - 16
 Endothelial cells - 7, 37
 Extravillous trophoblasts (EVT) - 32
 Fibroblasts (primary) - 73
 Hepatocytes - 40, 42, 50
 Immortalized B cells - 65
 Keratinocytes - 57
 Lung epithelial cells - 80
 Lymphocytes - 47
 Macrophages - 3, 38, 53
 Mantle cell lymphoma cells (MCL) - 48
 Monocytes - 19
 Mouse embryonic fibroblasts (MEF) - 24
 Naïve fetal T cells - 82
 Natural killer (NK) cell line - 61
 Neonatal mouse ovary - 81
 Neurons (primary rat) - 20
 Neurons derived from iPS cells - 74
 Oligodendrocyte precursors - 60
 Pancreatic tumor cell lines - 9
 Peripheral blood mononuclear cells (PBMC) - 6, 34, 85
 Regulatory T cells - 83
 Stem cell-derived peripheral neurons - 79
 Vascular smooth muscle cells (VSMC) - 2, 64
In vivo skin delivery - 18
In vivo rat periodontal model - 33
In vivo mouse intradermal injection - 43
In vivo mouse model - 56, 84
In vivo mouse brain - 69
In vivo rat brain - 86, 87, 88



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