

Cell lines used with HoloMonitor[®] M4

Most adherent cells can be studied using HoloMonitor M4. Monolayer of adherent eukaryotic cells are cultured in any of the recommended cell culture vessels, please refer to the [HoloMonitor M4 Setup and Operation Manual](#) for details. Each of the cell lines listed in the table below have been successfully tested.

Cell line	Description
3T3-U	Human embryonic fibroblasts
A2058	Human melanoma
A375	Human melanoma
A549	Human lung carcinoma
AsPC-1	Human pancreas
B16-F10	Mouse melanocytes
BN7005-H1D1	Rat adenocarcinoma
BV-2	Mouse microglia
BxPc3	Human epithelial pancreas
C6/36 cells	Larvae
CaCo-2	Human epithelial colon
CHL-1	Human melanoma
CHO-K1	Hamster epithelial-like
DLD1	Human colon cancer
DU-145	Human prostate cancer
GBM1	Human glioma
GBM2	Human glioma
H1975	Lung adenocarcinoma
HaCaT-cells	Human keratinocytes
hBM-MSCs	Human bone marrow-derived mesenchymal stem cells
hCMEC/D3	Human brain endothelial cells
HDFa	Human epidermal fibroblasts
HEK 293	Human embryonic kidney
HEKa	Human epidermal keratinocytes
HeLa	Human cervical cancer
HEP3B	Human hepatoma
HEPG2 H	Human hepatoma
HL-60	Human acute myeloid leukemia
HT168-M1	Human melanoma
HT199	Human melanoma
HT1080	Human fibrosarcoma
HT-22	Murine hippocampal neuronal
HT-29	Human colonic carcinoma
Huh-7	Human liver
Huvec	Human endothelial umbilical vein
INS-1	Rat insulinoma cell clone
J774A.1	Murine macrophage
J774.2	Human macrophage
JIMT-1	Human breast cancer
Jurkat	Human T-cells (acute lymphoblastic leukemia)

Cell line	Description
KHOS	Human osteosarcoma
L929	Mouse fibroblasts
L56Br-C1	Human breast cancer lymph node metastasis
LNCaP	Human prostate carcinoma
LUHMES	Human neuronal
MC3T3-E1	Mouse osteoblastic
MCF-10 A	Human breast epithelia
MCF-7	Human breast cancer
MDA-MB-231	Human mammary carcinoma
Mia Paca-2	Human epithelial pancreas
MoDC	monocyte-derived dendritic cells
MRC-5	Human embryo lung fibroblasts
MSC-AT	Mesenchymal stem cells derived from adipose tissue
MSC-BM	Mesenchymal stem cells derived from bone marrow
N2a	Murine neuroblastoma
NE-4C	Mouse embryonic neuroectodermal
NIH3T3	NIH3T3:Mouse embryonic fibroblasts
PanC-1	Human epithelial pancreas cells
PC-3	Human prostate cancer cells
Primary 4T1 tumor	Mouse mammary cancer cells
SHSY-5Y	Human neuroblastoma
SKOV 3 TR cells	Ovarian cancer cell line
SKOV3	Human ovarian cancer line
TE1	Human squamous cell carcinoma of the esophagus
Tg-3m	Primary mouse lung adenocarcinoma
Tg-6m	Primary mouse lung adenocarcinoma
Tr146	Human buccal epithelial
U-2 OS	Human epithelial
U-251 MG	Human glioma
U205	Human osteosarcoma
U2932	B-cell lymphoma (human diffuse large B-cell lymphoma)
U373	Human glioma
U87 MG	Human glioma
V2A10	Rat glioma
Vero	Green monkey kidney epithelial cells (non-cancerous cells)
WiT-49	Derived from a primary lung metastasis of an aggressive Wilms kidney tumor
WM-266-4	Human melanoma

Other cell types

Drosophila S2 cells, human blood primary macrophages, human primary buccal cells, human blood, primary monocytes, human blood primary neutrophils, human sperm cells.