

Technical Data Sheet: hTERT Gingival Fibroblast

ATCC® Number	CRL-4061™
Organism	<i>Homo sapiens</i> , human
Tissue/Disease Source	Gingiva, normal
Product Description	Primary gingival fibroblasts immortalized by stably expressing human telomerase catalytic subunit hTERT.
Application	An excellent model for compound screening or oral/gingival toxicity studies.

Cell Morphology

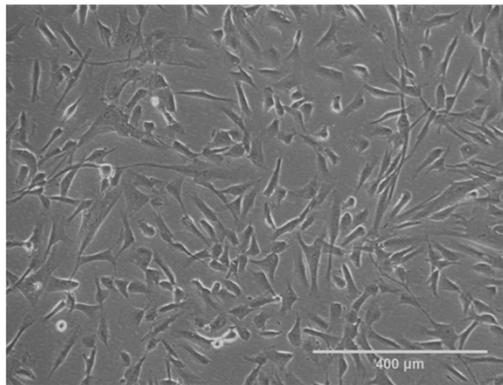


Figure 1. Cell morphology of normal human hTERT Gingival Fibroblasts. Cells were maintained in ATCC recommended culture conditions to maximum recommended cell density and then imaged by light microscopy.

Positive and negative staining

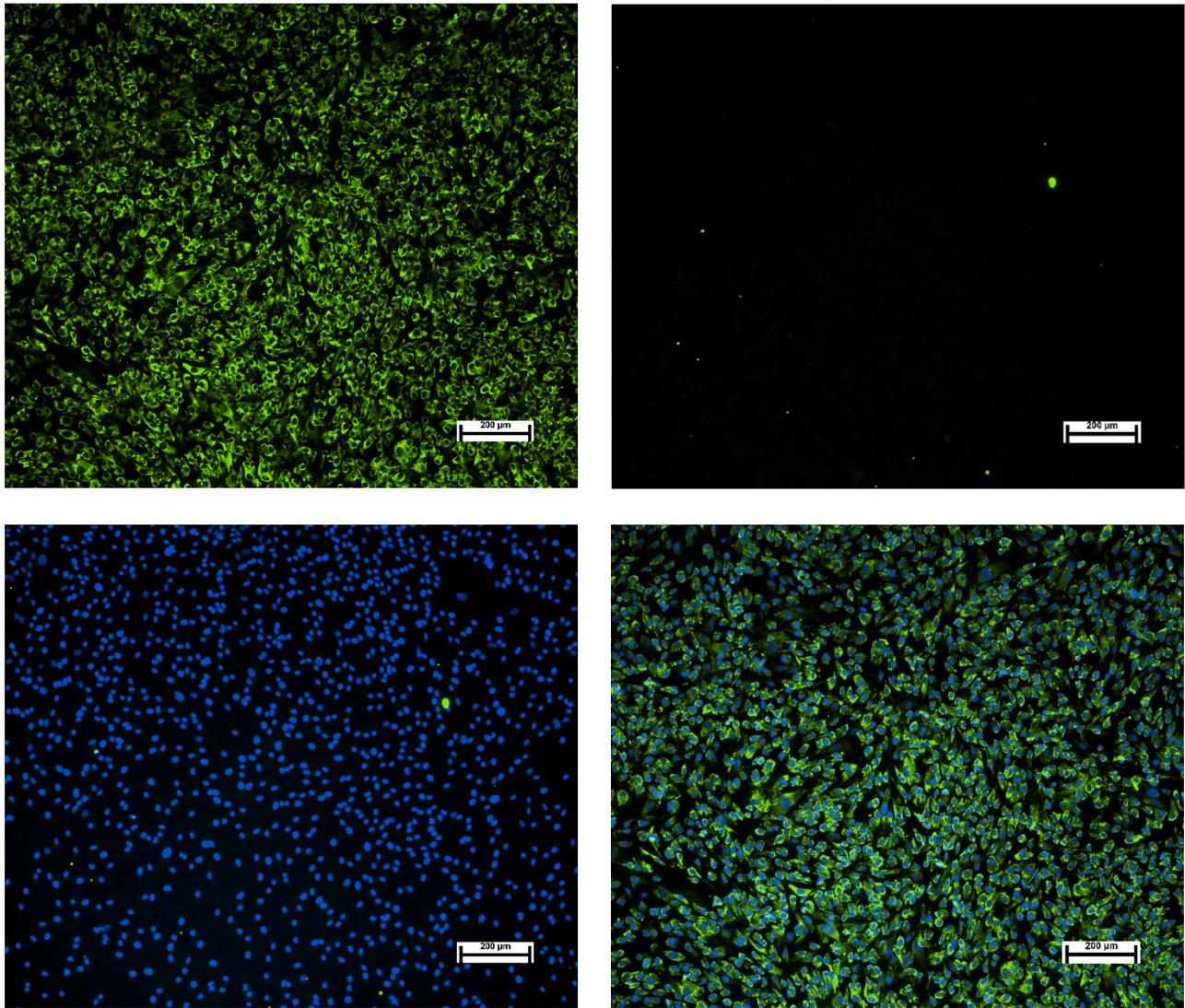


Figure 2: Positive and negative marker staining of hTERT Gingival Fibroblasts. Cells were maintained in ATCC recommended culture conditions to maximum recommended cell density and then fixed with antibodies against (upper left panel) TE7 and (upper right panel) pan-cytokeratin, (lower left panel) DAPI was used to stain nuclei. (Lower right panel) merged images. Images taken at 10x magnification.