

Technical Data Sheet: hTERT-immortalized Dermal Melanocytes

ATCC® Number	CRL-4059
Organism	<i>Homo sapiens</i>
Tissue/Disease Source	Normal
Product Description	hTERT-immortalized Dermal Melanocytes
Application	Melanoma, response to UV radiation, psoriasis and other skin diseases, skin trauma (<i>e.g.</i> , wound repair, scars, burns), cosmetic research (<i>e.g.</i> , skin lightening compounds, skin protecting compounds)

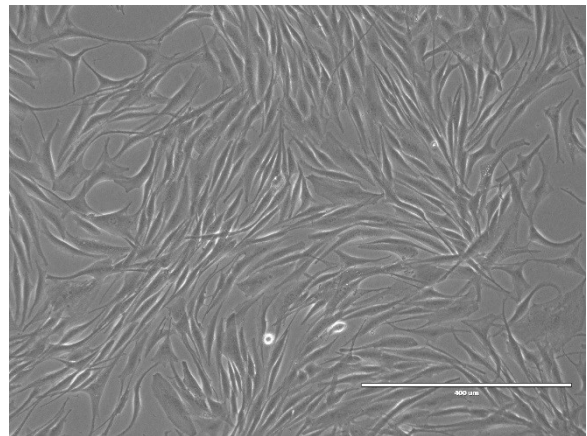
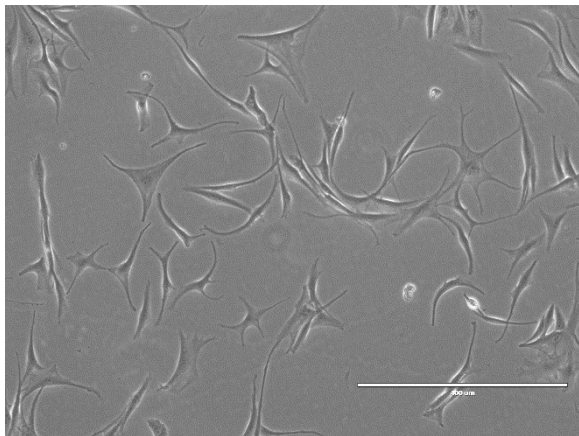


Figure 1: Photomicrograph, hTERT-immortalized Dermal Melanocytes cultured at low (left) and high (right) densities.

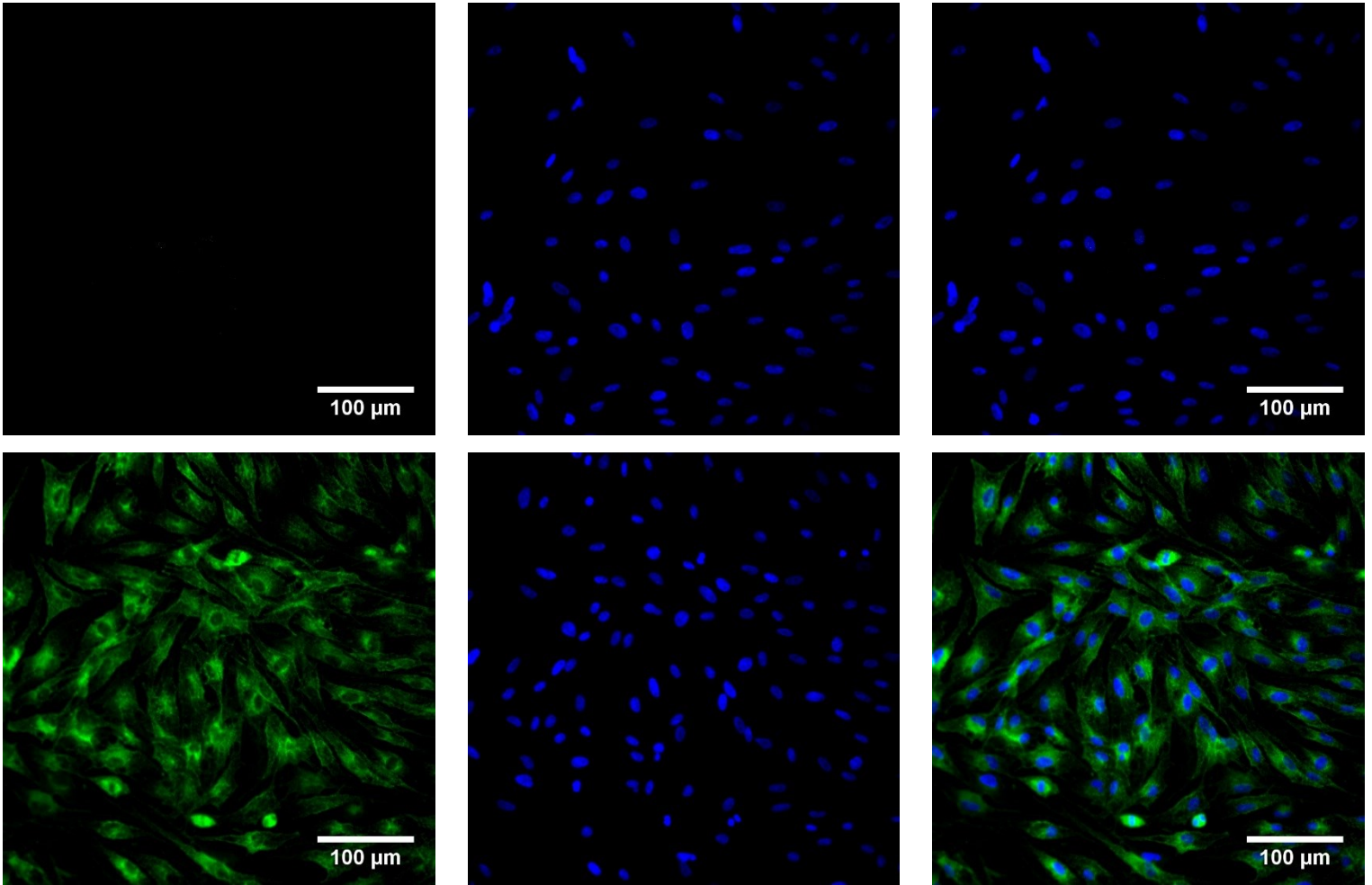


Figure 2: TE7 staining and Trap functional assay. hTERT-immortalized Dermal Melanocytes were stained for a fibroblast marker (top row, r-l; TE7 alone, DAPI, overlay) or for TRP1 (bottom row, r-l; TE7 alone, DAPI, overlay).