

HME1

Telomerized human mammary epithelial cells

- In vitro toxicity testings
- Standardized in vitro model to establish tumor models
- Study of breast cancer development and development of novel anti-tumor therapies



Development

- Developed in the lab of Jerry Shay (UT Southwestern, Dallas, Texas) from human normal breast epithelium
- Established by transduction with retrovirus carrying hTERT



Key characteristics

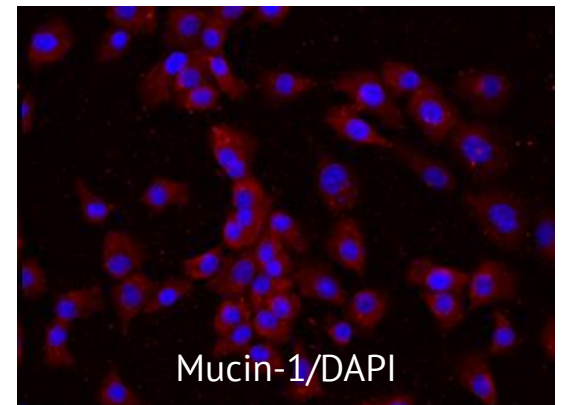
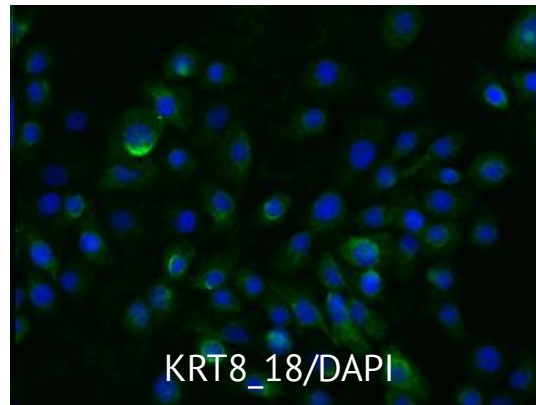
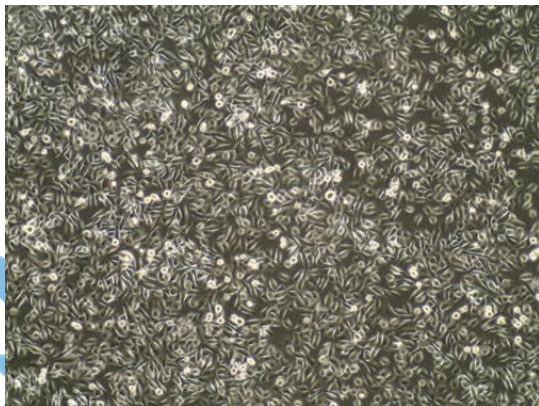
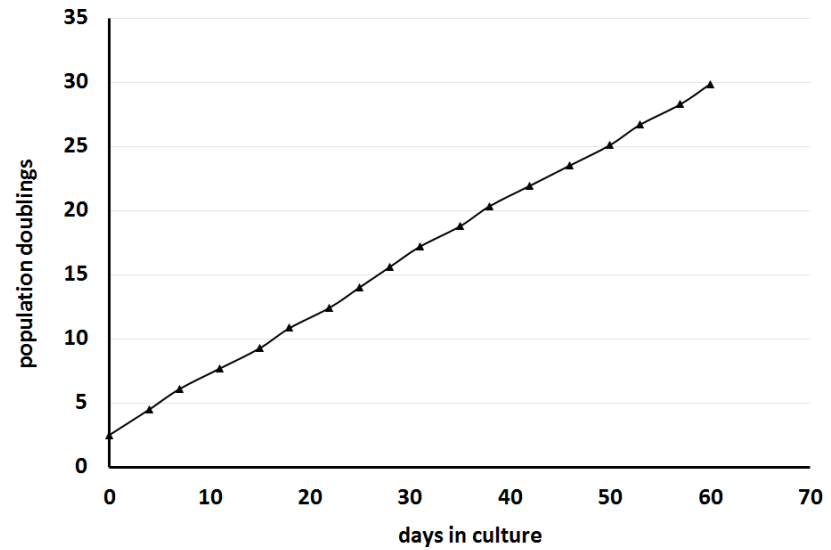
Growth, morphology, marker expression

Continuous growth *in vitro*

HME1 cells have been grown for a minimum of 30 PDs post thawing with a stable growth rate and a population doubling time between 48 and 64 hours. The cells show telomerase activity.

Morphology and marker expression

The cells are characteristic by a cuboidal to elongated morphology. HME-1 cell line shows expression of the typical epithelial markers such as KRT8/18 and mucin-1.





Expertise and enthusiasm for your aims!

Contact

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