Web: www.taiclone.com
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CT26.WT

Catalog No: tcel71

Available Sizes

Size: 1×10⁶cells/t25culturebottle

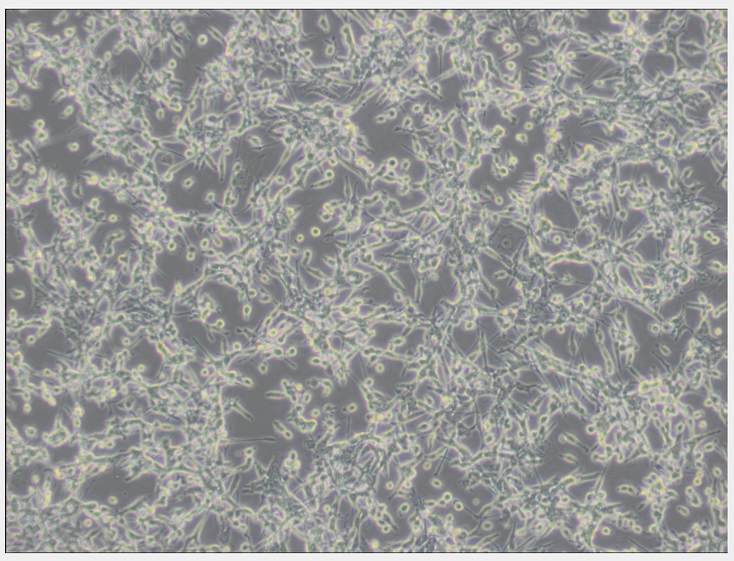
Specifications

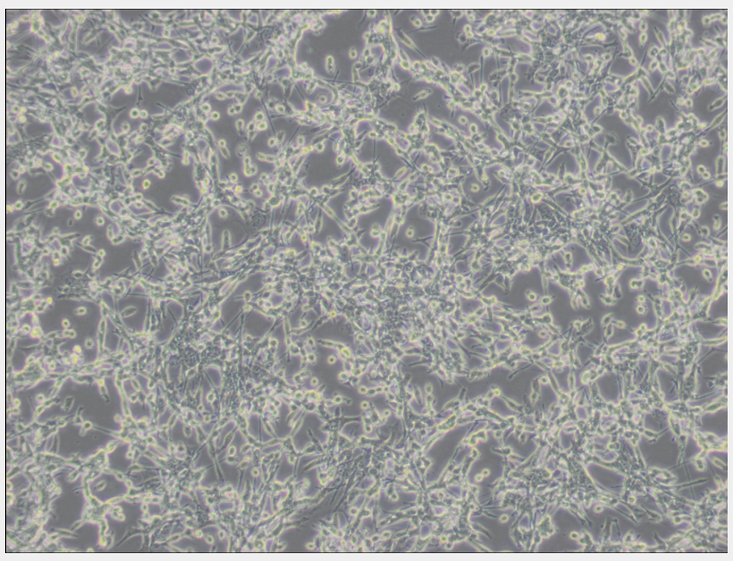
Application:
The cell line can be used with CT26.CL25 as a model for testing immunotherapy protocols and in studies on the host immune response.

Subculturing:
Remove and discard culture medium. Briefly rinse the cell layer with DPBS solution to remove all traces of serum that contains trypsin inhibitor. Add 1.0 to 2.0 mL of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 2 to 3 minutes). Cells that are difficult to detach may be placed at 37°C to facilitate dispersal. Add 4.0 to 6.0 mL of complete growth medium and aspirate cells by gently pipetting. Add appropriate aliquots of the cell suspension to new culture vessels.

Product Description

CT26.WT was stably transduced with the retroviral vector LXSN that contains the lacZ gene encoding the model tumor associated antigen(TAA), beta-galactosidase(beta-gal) to obtain the lethal subclone CT26.CL25. The growth rate and lethality of CT26.CL25 and CT26.WT is virtually identical despite the expression by CT26.CL25 of the model TAA, beta-galactosidase, in normal mice. A culture submitted to the ATCC in July of 2001 was found to be contaminated with mycoplasma. Progeny were cured by a 21-day treatment with BM Cycline. The cells were assayed for mycoplasma, by the Hoechst stain, PCR and the standard culture test, after a six-week period following treatment. All tests were negative.





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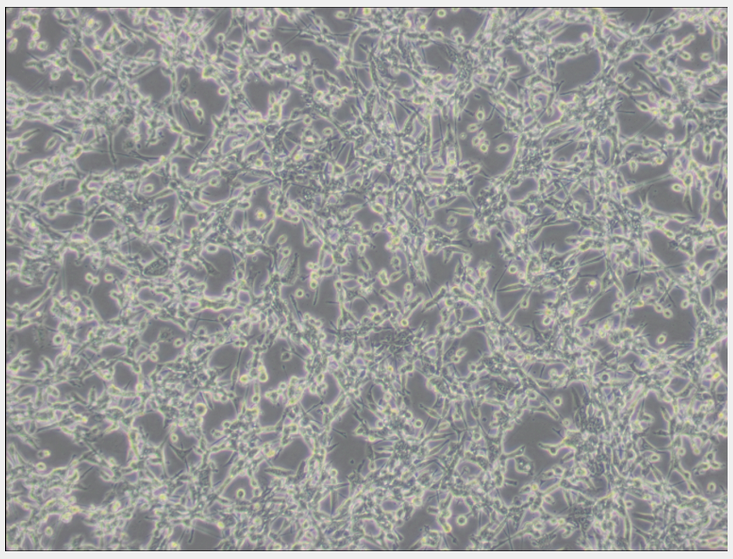

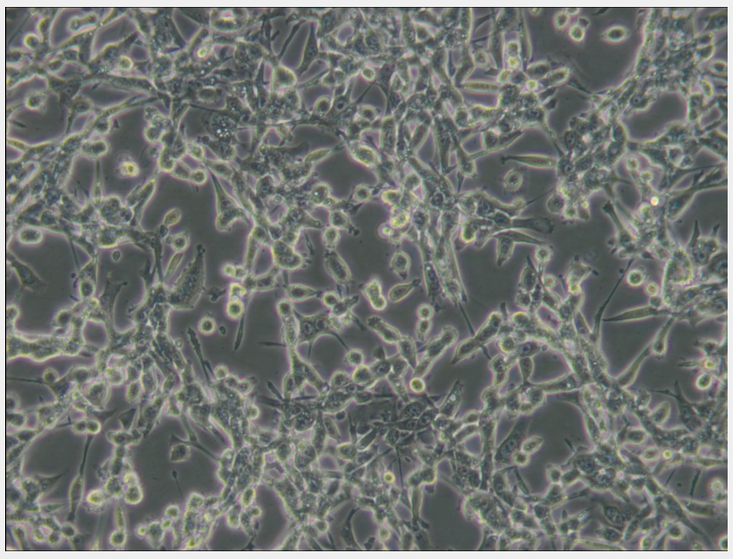

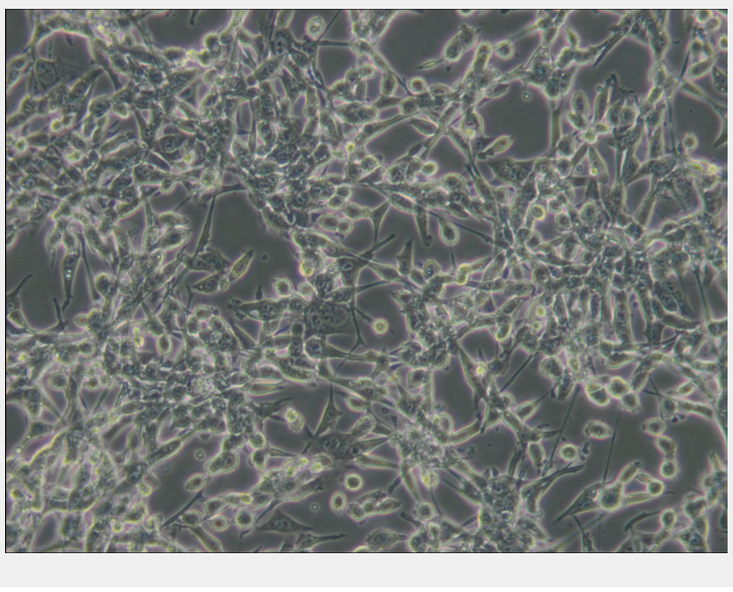

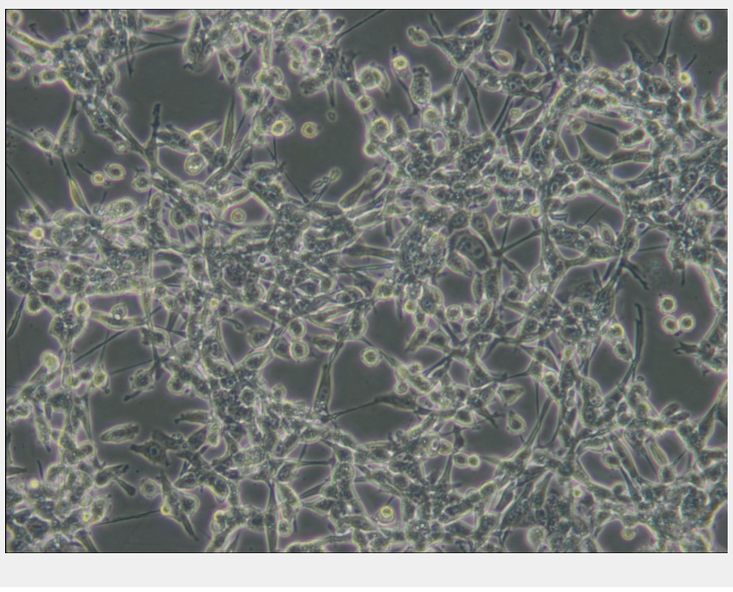

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