

Product sheet

L5178Y TK+/- Clone (3.7.2C) | 305485

General Information

Description	L5178Y TK+/- Clone 3.7.2C L5178Y TK+/- 3.7.2C (8-11) 40.
Organism	
Tissue	
Disease	
Synonyms	L5178Y TK+/-3.7.2c TK+/- (3.7.2C)

Characteristics

Breed/Subspecies	/2
Age	8
Gender	
Morphology	
Cell type	
Growth properties	

Identification

Citation	L5178Y TK+/- Clone (3.7.2C) (Cytion 305485)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_6665

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Culture Medium DMEM 4.5 g/l, Glucose 4.5 g/l, NaHCO₃ 1.0 g/l, Penicillin 100 IU/ml, Streptomycin 100 µg/ml, Fungizone 0.05 µg/ml (all in 100 ml)

Supplements 10% FBS, 1 µg/ml Pluronic F-68

Subculturing 15 min trypsin digestion, 10 min neutralization with PBS, 10 min centrifugation at 300 x g

Seeding density 0.1-2 x 10⁶ cells/ml

Fluid renewal 2 times per week

Post-Thaw Recovery 25% FBS for 8 days

Freeze medium 95% FBS + 5% DMSO

- ### Thawing and Culturing Cells
1. Thaw cells in a 37°C water bath.
 2. Dilute cells into pre-warmed medium.
 3. Seed cells into a 25 cm² flask.
 4. Allow cells to attach for 24 hours.
 5. Refresh medium after 24 hours.
 6. Seed cells into a 96-well plate at 300 x 3 cells/well.
 7. Incubate cells for 10 days.
 8. Harvest cells for analysis.

