

Product sheet

HK Mad2-LAP/H2B-mCherry | 300920

Product Information

Description	HK Mad2-LAP/H2B-mCherry is a HeLa Kyoto cell line expressing Mad2-LAP and H2B-mCherry. The cells are maintained in DMEM supplemented with 10% FBS and 100 µg/ml penicillin, 100 µg/ml streptomycin, and 100 µg/ml neomycin. The cells are grown in 96-well plates at 37°C and 5% CO ₂ . The cells are used for flow cytometry and microscopy.
Organism	HeLa Kyoto
Tissue	Epithelial
Disease	None
Synonyms	HeLa Kyoto Mad2-LAP H2B-mCherry, HeLa Kyoto Mad2-LAP

Cell Culture

Age	30 days
Gender	Female
Ethnicity	HeLa Kyoto
Morphology	Epithelial cells, adherent
Growth properties	Highly proliferative, anchorage dependent

Identification

Citation	HK Mad2-LAP/H2B-mCherry (Cytion 300920)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D65
Depositor	EMBL

GMO Status GMO-S1: HeLa Kyoto cells expressing Mad2-LAP H2B-mCherry

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Thawing and Culturing Cells

1. Thaw the cells quickly in a water bath at 37°C. Do not let the cells sit on ice. After thawing, centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in fresh medium.
2. Seed the cells into a 150 cm² flask with 150 ml of medium. The cell density should be approximately 1.5 x 10⁶ cells per flask.
3. Incubate the cells at 37°C in 5% CO₂. The cells should reach confluence within 24-48 hours.
4. Once confluent, harvest the cells by trypsinization. Seed the cells into a 150 cm² flask with 150 ml of medium. The cell density should be approximately 1.5 x 10⁶ cells per flask.
5. Incubate the cells at 37°C in 5% CO₂. The cells should reach confluence within 24-48 hours.
6. Once confluent, harvest the cells by trypsinization. Seed the cells into a 150 cm² flask with 150 ml of medium. The cell density should be approximately 1.5 x 10⁶ cells per flask.
7. Incubate the cells at 37°C in 5% CO₂. The cells should reach confluence within 24-48 hours.
8. Once confluent, harvest the cells by trypsinization. Seed the cells into a 150 cm² flask with 150 ml of medium. The cell density should be approximately 1.5 x 10⁶ cells per flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells by trypsinization and seed into a 150 cm² flask with 150 ml of medium. Incubate at 37°C in 5% CO₂.

Shipping Conditions Ship at 4°C. Do not freeze. The cells should be received within 24-48 hours.

Storage Conditions Store at -150°C for up to 196 months. Thaw at 37°C.

Genotype / Phenotype / HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR screening is performed on a regular basis.