

Product sheet

HK Mad2-LAP/H2B-mCherry | 300920

Product Information

Description	HK Mad2-LAP/H2B-mCherry is a cell line derived from HeLa cells expressing Mad2-LAP and H2B-mCherry. The cells are maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. The cells are characterized by high expression of Mad2-LAP and H2B-mCherry.
Organism	Human
Tissue	Cell Culture
Disease	None
Synonyms	HK Mad2-LAP-H2B-mCherry, HK Mad2-LAP-H2B-mCherry

Characteristics

Age	30 days
Gender	Male
Ethnicity	None
Morphology	Adherent, fibroblastic
Growth properties	High growth rate, easy to maintain

Documentation

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

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

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XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Protein expression Mad2-LAP/H2B-mCherry

XXXXXXXXXX

Culture Medium DMEM 4.5 g/l / 4 g/l 3.7 g/l NaHCO3 1.0 g/l (82000)

Supplements 10% FBS

Dissociation Reagent XXXXXXX

Subculturing XXXXXXX PBS XXXXXXX

Seeding density 1×10^4 /

Fluid renewal 2-3 XXXXXXX

Post-Thaw Recovery XXXXXXX 24 XXXXXXX

Freeze medium XXXXXXX (10% FBS) + 10% DMSO XXXXXXX

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Thawing and Culturing Cells

1. Thaw the vial in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Wash the cells with PBS.
3. Resuspend the cells in 10 ml of pre-warmed medium. Seed the cells into a 100 cm² flask.
4. Incubate the cells at 37°C in a 5% CO₂ atmosphere. Monitor cell growth.
5. Once cells reach 70% confluency, passage them into a new flask.
6. For long-term storage, harvest cells and freeze them in liquid nitrogen.
7. Thaw the cells and seed them into a new flask.
8. Monitor cell growth and passage them when needed.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Not required

Freezing Procedure

Resuspend cells in freezing medium and store at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

Store at -150°C to -196°C in liquid nitrogen.

HLA

Sterility

The cells are provided in a sterile, cryoprotected medium. PCR testing is available upon request.