

Product sheet

WM-115 | 305457

WM-115

Description WM-115 is a melanoma cell line derived from a 55-year-old male patient with a primary melanoma on the back. The cell line is characterized by its ability to grow in suspension and form colonies in soft agar. It is a highly metastatic cell line, capable of forming colonies in various organs, including lung, liver, and brain. WM-115 is a melanocyte-derived cell line, characterized by its ability to produce melanin. It is a highly metastatic cell line, capable of forming colonies in various organs, including lung, liver, and brain. WM-115 is a melanocyte-derived cell line, characterized by its ability to produce melanin. It is a highly metastatic cell line, capable of forming colonies in various organs, including lung, liver, and brain.

Organism Human

Tissue Melanocytes

Disease Melanoma

Metastatic site Lung, Liver, Brain

Synonyms WM-115, WM 115, WM115F, WM115-mel, WM115mel, WC00079

Characteristics

Age 55 years

Gender Male

Ethnicity Caucasian

Growth properties Adherent

References

Citation WM115 (ATCC CCL-226) | Cytion 305457

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0040

Additional information

Product sheet

WM-115 | 305457

Mutational profile p.Val600Asp,

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements 10% FBS 1% NEAA.

Dissociation Reagent

Seeding density 1 x 10⁴ cells/cm²

Freeze medium + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a pre-warmed medium.
2. Centrifuge cells at 300 x g for 5 minutes. Resuspend cells in fresh medium.
3. Seed cells into a pre-warmed medium.
4. Incubate cells in a 37°C incubator with 5% CO₂.
5. Monitor cell growth and confluency.
6. Harvest cells when they reach 70-80% confluency.
7. Perform downstream applications.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Product sheet

WM-115 | 305457

Shipping Conditions [redacted] -78°C

Storage Conditions

[redacted] -150 °C 196 [redacted]

[redacted] / [redacted] / HLA