

KU812 | 305306

Description [REDACTED] KU812 [REDACTED]
[REDACTED] KU812 [REDACTED] (CA
[REDACTED] [REDACTED] KU812 [REDACTED]

Organism [REDACTED]

Tissue [REDACTED]

Disease [REDACTED], BCR-ABL1 [REDACTED]

Synonyms Ku812, KU-812, KU.812, KU 812

Age 38 [REDACTED]

Gender [REDACTED]

Ethnicity [REDACTED]

Morphology [REDACTED]

Cell type [REDACTED]

Growth properties [REDACTED]

Citation KU812 ([REDACTED] Cytion 305306)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0379

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Antigen expression $\text{CD}33^+$, $\text{CD}117^+$ ($\text{CD}113^+$)

Mutational profile TP53 , p.Lys132Arg (c.395A>G), BCR-ABL , BCR exon 14 ABL1 exon 2 (b3a2)

Karyotype $46,XY,Ph1(46,XY,t(9;22)(q34;q11))$

Culture Medium RPMI 1640, w: 2.0 mM L-Glutamine , w: 2.0 mM / mM NaHCO_3 (Cytion 820700a)

Supplements FBS 10% IL-3 2.5 ng/ml / ng/ml HEPES 10 mM

Subculturing 15 min PBS

Seeding density 3×10^5 cells/ml / cells/ml

Fluid renewal 2 \times 3 times

Freeze medium RPMI 1640, w: 2.0 mM L-Glutamine , w: 2.0 mM / mM NaHCO_3 (Cytion 820700a) + 10% DMSO

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Thawing and Culturing Cells

1. [REDACTED]
2. [REDACTED] cryovial [REDACTED] -150 [REDACTED]
3. [REDACTED] 37°C [REDACTED]
4. [REDACTED] 70% [REDACTED]
5. [REDACTED] 15 [REDACTED]
6. [REDACTED] 300 x g [REDACTED] 3 [REDACTED]
7. [REDACTED] 10 [REDACTED]
8. [REDACTED]

Incubation Atmosphere

37°C, 5% CO₂, [REDACTED]

Flask Coating

[REDACTED]

Freezing Procedure

[REDACTED]

Shipping Conditions

[REDACTED]

Storage Conditions

[REDACTED] -150 [REDACTED] -196 °C [REDACTED]

/

/ HLA

Sterility

[REDACTED] PCR [REDACTED]

[REDACTED]