

# 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**  $\text{TP53}$ , p.Lys132Arg (c.395A>G),  $\text{BCR-ABL}$ , BCR exon 14  $\text{ABL1}$  exon 2 (b3a2)

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

**Culture Medium** RPMI 1640, w: 2.0 mM  $\text{L-Glutamine}$ , w: 2.0  $\text{mM}$  /  $\text{mM}$   $\text{NaHCO}_3$  ( $\text{Cytion}$  820700a)

**Supplements**  $\text{FBS}$  10%  $\text{IL-3}$  2.5  $\text{U/ml}$  /  $\text{mM}$   $\text{HEPES}$  10  $\text{mM}$

**Subculturing** 15  $\text{min}$   $\text{PBS}$

**Seeding density**  $3 \times 10^5$   $\text{cells/ml}$

**Fluid renewal** 2  $\times$  3  $\text{times}$

**Freeze medium**  $\text{FBS}$  + 10%  $\text{DMSO}$

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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% CO<sub>2</sub>, [REDACTED]

### Flask Coating

[REDACTED]

### Freezing Procedure

[REDACTED]

### Shipping Conditions

[REDACTED]

### Storage Conditions

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

/ / HLA

### Sterility

[REDACTED] PCR [REDACTED]

[REDACTED]