

SUP-B15 | 305385

Overview

Description	SUP-B15 is a human B cell line (BCP-ALL) derived from a patient with B-ALL. It is a continuous cell line, SUP-B15 is highly tumorigenic in immunodeficient mice, and it is highly sensitive to chemotherapy. SUP-B15 is a B cell line derived from a patient with B-ALL. It is a continuous cell line, SUP-B15 is highly tumorigenic in immunodeficient mice, and it is highly sensitive to chemotherapy. SUP-B15 is a B cell line derived from a patient with B-ALL. It is a continuous cell line, SUP-B15 is highly tumorigenic in immunodeficient mice, and it is highly sensitive to chemotherapy.
Organism	Human
Tissue	B cell
Disease	B-ALL (ALL)
Applications	Cell line for research, drug screening, and cell-based assays.
Synonyms	Sup-B15, SUPB-15, SUPB15, SupB15, SupB15W, SupB15WT

Characteristics

Age	8 years
Gender	Female
Ethnicity	Chinese
Morphology	Epithelial
Cell type	B cell
Growth properties	Adherent

References

Citation	SUP-B15 (Cytion 305385)
Biosafety level	1

Product sheet

NCBI TaxID | 305385

NCBI_TaxID 9606

CellosaurusAccession CVCL_0103

Cell Line - **Characteristics**

Protein expression **CD1a** (**CD1a**)

Antigen expression CD1a -; CD2 -; CD3 -; CD4 -; CD5 -; CD8 -; CD10 +; CD13 +; CD38 +; CD71 +; HLA DR +

Mutational profile **ABL1** + HGNC, HGNC:1014, BCR, **BCR-ABL1**, **BCR-ABL1**, **BCR-ABL1** 1 **BCR-ABL1** 2 **ABL1** (**ABL1**)

Karyotype 46, XY; **ABL1** **ABL1** **ABL1** t(9;22)(q34;q11), t(4;14) (p11;q24), der(4)t(1;4) (p11;q33), t(9;22) (q34;q11), der(10)t(3;10) (q25;q26); **ABL1** **ABL1** **ABL1**

Cell Line

Culture Medium IMDM, w: 4.5 g/L **Glucose**, w: 4 mM L-**Glutamine**, w: 25 mM HEPES, w: 1.0 mM **β-mercaptoethanol**, w: 3.024 g/L NaHCO3 (**Glucose** **Glucose** Cytion)

Supplements **Glucose** **Glucose** 20% FBS **Glucose** 0.05 **Glucose** 2- **Glucose**

Doubling time 18 **Glucose**

Seeding density 2 **Glucose** × 10⁵ **Glucose** / **Glucose**

Fluid renewal 2 **Glucose** 3 **Glucose** **Glucose**

Freeze medium **Glucose** **Glucose** **Glucose**, **Glucose** **Glucose** **Glucose** **Glucose** (**Glucose** FBS) + 10% DMSO **Glucose** **Glucose** **Glucose** **Glucose** **Glucose**, **Glucose** C

