

Product sheet

CTLL-2 | 400482

General Information

Description	CTLL-2, a mouse T cell leukemia cell line, is a derivative of the CTLL-2 cell line, which was established from a T cell leukemia in a mouse. It is a continuous cell line that grows in the presence of interleukin-2 (IL-2). CTLL-2 is a mouse T cell leukemia cell line, which is a derivative of the CTLL-2 cell line, which was established from a T cell leukemia in a mouse. It is a continuous cell line that grows in the presence of interleukin-2 (IL-2).
Organism	Mouse
Tissue	Leukemia
Synonyms	CTLL 2, CTLL2, CTLL(2)

Cell Culture

Morphology	Large, flat, epithelial-like cells with a high nucleus-to-cytoplasm ratio.
Cell type	Leukemia
Growth properties	Requires IL-2 for growth.

Identification

Citation	CTLL-2 (ATCC CCL-220) Cytion 400482
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_0227

Characteristics

Receptors expressed	IL-2
Viruses	Not applicable (non-viral cell line).
Karyotype	4n, 40, XX

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Freezing Procedure

CTLL-2 cells are grown in the presence of IL-3 and IL-6. For freezing, cells are washed with PBS and resuspended in freezing medium (RPMI 1640, 10% FCS, 10% DMSO). Cells are then frozen at -78°C.

Shipping Conditions

CTLL-2 cells are shipped in freezing medium at -78°C.

Storage Conditions

CTLL-2 cells are stored at -150 to -196°C in liquid nitrogen.

CTLL-2 / CTLL-2 / HLA

Sterility

CTLL-2 cells are tested for mycoplasma contamination using PCR. Cells are found to be free of mycoplasma contamination. Cells are also tested for endotoxin and found to be free of endotoxin.