

Human Acute Lymphoblastic Leukemia MOLT-4 Whole Cell Lysate

Cat. No. MOLT-4-035WCY **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MOLT-4 (Human Acute Lymphoblastic Leukemia) Whole Cell Lysate
Species	Human
Source	Peripheral Blood
Description	This is a human cell line with the hypertetraploid chromosome number. The modal chromosome number was 95 occurring in 24% of cells. The rate of cells with higher ploidies was 0.8%. The 6q- and t(7;7) were paired and also common to all cells. The i(17q) was single and occurred only in some cells. Most normal chromosomes had four copies per cell except for the paired N7, X and Y, and two to three copies for N17.
Applications	IP, WB
Stability	The lysate is stable for at least one year from date of shipping when stored at -80 centigrade. After incubation with SDS-PAGE sample buffer, SDS-PAGE samples need to be stored in -20 centigrade for long term storage.
Storage	Store the lysate at -80 centigrade and avoid repeated freeze / thaw cycles.
Concentration	1 vial of 100 µg whole cell lysate in RIPA buffer. 1 vial of 250 µL 2 x SDS Sample Buffer (4% SDS, 125 mM Tris-HCl pH 6.8, 10 % Glycerol, 0.002 % Bromphenol blue, 100 mM DTT)

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Storage Buffer

Modified RIPA buffer (25 mM Tris-HCl pH 7.6, 150 mM NaCl, 1% NP-40, 1 mM EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma) and 1 mM Na₃VO₄)

Shipping

Shipped on dry ice.

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