

Human Prostate Carcinoma DU145 Whole Cell Lysate

Cat. No. DU145-059WCY **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DU145 (Human Prostate Carcinoma) Whole Cell Lysate
Species	Human
Source	Prostate
Description	This is a hypotriploid human cell line. Both 61 and 62 chromosome numbers had the highest rate of occurrence in 30 metaphase counts. The rate of higher ploidies was 3%. The t(11q12q), del(11)(q23), 16q+, del(9)(p11), del(1)(p32) and 6 other marker chromosomes were found in most cells. The N13 was usually absent. The Y chromosome is abnormal through translocation to an unidentified chromosomal segment. The X chromosome was present in single copy.
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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