Human Lung Adenocarcinoma A549 Whole Cell Lysate

Cat. No. A549-043WCY **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A549 (Human Lung Adenocarcinoma) Whole Cell Lysate
Species	Human
Source	Lung
Description	The A549 cell line was established in 1972 by D.J. Giard, et al., through an explant culture of adenocarcinomic lung tissue of a 58-year-old Caucasian male.
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)
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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