

NCI-H23 whole cell lysate

Catalog No. CLH00017 **Quantity:** 0.1 mg

Description: NCI-H23 is a cell line exhibiting epithelial morphology isolated from the lungs of a black male with non-small cell lung carcinoma (NSCLC), specifically adenocarcinoma. The cells carry the mutation of K-ras 12 and a mutation in the codon 246 (ATC →ATG, isoleucine → methionine) of the p53 gene. The cells express C-myc, L-myc, v-src, v-abl, v-erb B, c-raf 1, Ha-ras, Ki-ras and N-ras RNAs.

Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer (50mM Tris(pH 7.4), 150mM NaCl, 1% Triton X-100, 1% deoxycholate, 0.1% SDS) with cocktail of protease inhibitors. Cell debris was removed by centrifugation. Protein concentration was determined by Bradford assay. The cell lysate was boiled for 5 min in 1 x SDS loading buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol.

Concentration: 0.5 mg/ml

Source: NCI-H23 cell line

Formulation: 1X SDS-PAGE Sample Buffer

Applications: Western blot

Application Notes: **Centrifuge vial before use to consolidate the contents.**

Storage & Stability: Store at -20°C to -80°C for up to 1 year from date of receipt. It is recommended to prepare working aliquots and store at -20°C to -80°C for extended storage.
Avoid repeated freeze-thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.