



Designation: HROC46 T0 M1 Whole Cell Lysate

CLS order number: 300824CL

Size: 500µg

Product Description	Whole Cell Lysate (non-denatured)
Cell type:	Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N0M1R2L0V1, grading G3, Lk(n) + 0, Σ Lk(n) 34)
Species	Human
Applications	Western Blot, Immunoprecipitation
Usage	Lysates can be used directly for immunoprecipitation. For Western Blot application lysates must be boiled for 5min at 95°C in a SDS gel loading buffer. We recommend loading 20µg lysate on a 10-12% minigel.
Concentration	1.0 -3.0 µg/µl; for exact concentration see label on the vial 100µg in 1 x RIPA Lysis Buffer containing protease inhibitors (20mM Tris-HCl pH 7.5, 150mM NaCl, 1mM Na ₂ EDTA, 1mM EGTA, 1% NP-40, 1% sodium deoxycholate, 2.5mM sodium pyrophosphate, 1mM β-glycerophosphate, 1mM Na ₃ VO ₄ , 1µg/ml leupeptin), 1mM PMSF
Preparation Method	Cell Lysate was prepared by harvesting adherent cells with a cell scraper or collecting cells in suspension by centrifugation. The cell lysates were homogenized in ice-cold modified RIPA-Buffer containing protease inhibitors. Cell debris was removed by centrifugation. Protein concentration was determined by BCA assay.
Storage	Lysates should be kept on ice or at 4°C at all times. Storage at -80°C is recommended. Several freeze-thaw cycles must be avoided.

Please centrifuge before opening the vial!

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Important note: This product is intended for research use only, not for use in human, therapeutic or diagnostic applications.