Human PC-3 lysate

Cat. No. PC-3-01HL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PC-3 lysate
Species	Human
Source	Prostate Adenocarcinoma
Lysate preparation	Tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 μg/mL of aprotinin, 5 μg/mL of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 × SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.
Recommended Usage	Western blot-Load 5-20 μg/lane for testing with various antibodies. Heat at 95 centigrade for 2-5 minutes prior to loading on gels.
Storage	Store at 2-8 centigrade for continuous use. For extended storage, freeze working aliquots at -70 centigrade. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.
Storage Buffer	Lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.
Concentration	2 mg/mL

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