

PC-3 + Pervanadate Treated Cell Lysate | PC-3 cell lysate

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CATALOG #
AAA71679APPLICATIONS
Western Blot

PRODUCT SYNONYMS

PC-3 + Pervanadate Treated; PC-3 + Pervanadate; PC 3 P+; PC-3 cell lysate

PRODUCT SPECIFICATIONS

Form/Format	Cell Lysates are supplied at a concentration of 1mg/ml in electrophoresis sample buffer (62.5mM Tris pH6.8, 2% SDS, 5% glycerol, 0.003% bromophenol blue, 0.9% beta-mercaptoethanol).
Applicable Applications for PC-3 cell lysate	WB (Western Blot)
Preparation and Storage	Store at -20 degree C. Do not boil or dilute. Stable for 1 year.

ADDITIONAL INFORMATION

Related Product Information for PC-3 cell lysate

Pervanadate is a protein tyrosine phosphatase inhibitor that is commonly used to increase tyrosine phosphorylation in cells. When cells are treated with pervanadate for 30 minutes they undergo significant tyrosine phosphorylation, as shown by western blotting using anti-Phosphotyrosine ([MBS42050](#)).

Confluent cultures of PC-3 prostate adenocarcinoma cells were serum starved for 2 hrs, then either left untreated [MBS474508](#) or treated with pervanadate (1mM) for 30 minutes at 37 degree C . Cells were lysed in 1% SDS, 1.0mM sodium ortho-vanadate, 10mM Tris (pH7.4) buffer. Protein concentration was determined using the BCA method (Pierce) before diluting to final concentration and buffer.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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