

K-562 + Pervanadate Lysate

Cat. # KL8301

Size 100 μ l

Lysate Preparation:

K-562 lysate was derived from a human chronic myelogenous leukemia (CML) cell line. 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.

Confluent cultures of K-562 cells were serum starved for 2 hours. Cells were then either left untreated (Cat.# KL8201) or treated with pervanadate (1 mM) for 30 minutes at 37°C (cat.# KL8301). Cells were lysed in 1% SDS, 1.0 mM sodium ortho-vanadate, 10 mM Tris (pH 7.4) buffer. Protein concentration was determined using the BCA method (Pierce) before diluting to final concentration and buffer.

Application Data:



Western blot analysis of K-562 control (lane 1) and pervanadate treated (lane 2) cells (20 μ g/lane). The blot was probed with anti-Paxillin mouse monoclonal Cat. # PM1071.

Applications:

WB 20 μ l/lane

End user should determine optimal quantity for their particular applications and experiments.

Buffer and Storage:

Cell Lysates are supplied at a concentration of 1 mg/ml in electrophoresis sample buffer (62.5 mM Tris pH 6.8, 2% SDS, 5% glycerol, 0.003% bromophenol blue, 0.9% β -mercaptoethanol). Store at -20° C. Do not boil or dilute. Stable for 1 year.

Related Products:

KL8001 K-562 Normal Lysate

KL8201 K-562 Pervanadate Ctrl Lysate

AP1251 c-Abl (Tyr-245), phospho-specific Rabbit Polyclonal

AP1271 c-Abl (Tyr-412), phospho-specific Rabbit Polyclonal

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