

Rabbit Fibroblast Pervanadate Control Lysate

Cat. # FL9691

Size 100 μ l

Lysate Preparation:

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 (PP2221).

Fibroblast from rabbit spleen were harvested to generate a primary fibroblast cell line. Confluent cultures of rabbit fibroblasts were serum starved 2 hrs, then either left untreated (Cat.# FL9691) or treated with pervanadate (1 mM) for 30 minutes at 37°C (cat.# FL9701). 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.

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.

Applications:

WB 20 μ l/lane

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

Related Products:

FL9701 Rabbit Fibroblast + Pervanadate Lysate
FL9671 Rabbit Fibroblast Calyculin A Control Lysate
FL9681 Rabbit Fibroblast + Calyculin A Lysate
PK6330 Phospho-Tyrosine, Serine, Threonine Antibody Sampler Kit
PM3751 Anti-Phosphotyrosine Mouse Monoclonal
PP2221 Anti-Phosphotyrosine Rabbit Polyclonal

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