

Mouse Macrophage + Calyculin A Lysate

Cat. # ML8501

Size 100 μ l

Lysate Preparation:

Calyculin A is a serine/threonine phosphatase inhibitor that inhibits the activity of protein phosphatases PP1 and PP2A.

Confluent cultures of mouse macrophage cells (J774A.1) were serum starved for 2 hours. Cells were then either left untreated (Cat. # ML8401) or treated with calyculin A at a final concentration of 100 nM for 30 minutes at 37°C (cat. # ML8501). Cells were lysed in 1% SDS, 1.0 mM sodium ortho-vanadate, 1 mM sodium fluoride, 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 Mouse Macrophage control (lane 1) and calyculin A 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:

ML8401 Mouse Macrophage Calyculin A Ctrl Lysate
ML8601 Mouse Macrophage Pervanadate Ctrl Lysate
ML8701 Mouse Macrophage + Pervanadate Lysate

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