Monocyte (PMA-differentiated)

Lysate

Cat. # ML9621
Size 100 µl

Lysate Preparation

PMA treatment of THP-1 monocytic leukemia cells is a common strategy for studies of mature monocyte function in vitro. Confluent cultures of THP-1 monocytic cells were either left untreated (Cat.# ML9611) or treated with PMA (1 µM) for 72 hrs at 37°C (cat.# ML9621). Differentiated cells become adherent monocyte-like cells that exhibit many characteristics of mature monocytes. After 72 hrs, the cells were lysed in 1% SDS, 1.0 mM sodium ortho-vanadate, 1 mM sodium fluoride in 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 µl/lane

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

Related Products

ML9611	Monocyte (PMA differentiated) Control Lysate
ML9571	Monocyte Calyculin A Control Lysate
ML9581	Monocyte + Calyculin A Lysate
ML9711	Monocyte Pervanadate Control Lysate
ML9721	Monocyte + Pervanadate Lysate

www.ecmbio.com
info@ecmbio.com
toll-free: 1-800-859-8202
telephone: 859-879-2075

Rev 4/15/2019