

# THP1 cell line differentiation

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## Abstract

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## Protocol

### Step 1.

Grow cells till confluent - cells like to grow in clumps

Media used - RPMI + 10% FBS + b-mercaptoethanol

Ref: <http://www.ncbi.nlm.nih.gov/pubmed/17334670>

### Step 2.

Plate 50,000 c/ well in a 24 well plate in 500 ul

Add 10-50ng/ml of PMA for 72 hours

### Step 3.

After 3 days - rest cells for 16hours

### Step 4.

Gamma stimulate with 10-50U IFN $\gamma$  o/n - use for PAMP stimulation