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# **THP-1 Lysate**

Catalog Number: ATGL0013

## **PRODUCT INFORMATION**

## Catalog number

ATGL0013

#### PRODUCT SPECIFICATION

#### Concentration

2mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. SDS-PAGE Sample Buffer (0.12M Tris-HCl buffer pH6.8, 0.4% SDS, 5% glycerol, 1% beta-mercaptoethanol, 0.02% Bromophenol blue)

#### **Storage**

Aliquot the lysate into single tube and then storing them -80C or below. Avoid repeated freezing and thawing cycles.

# Preparation before usage

Heat lysate to 95C for 5 minutes and rapidly cooling before use.

#### **General description**

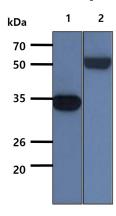
THP-1 cells derived from the peripheral blood of acute monocytic leukaemia. THP-1 cell line can differentiate into macrophage-like cells (phagocytic) and can be used for induction of differentiation studies. When stimulated with PMA cells have been reported to differentialte into a monocytic pathway and release arachidonic acid and prostanoids.

#### **Quality Control**

Western Blot analyzed by both GAPDH and Beta tubulin antibody

### **DATA**

# Western blot analysis (WB)



All lanes: THP-1 Whole Cell Lysate (40ug)

Lane 1. : Anti-GAPDH antibody (ATGA0181) Lane 2. : Anti-Beta tubulin antibody (ATGA0196)

