

Datasheet for ABIN1339495

**THP-1 (human acute monocytic leukemia) whole cell lysate (non-denatured)**[Go to Product page](#)**1** Image**1** Publication

## Overview

|                    |   |
|--------------------|---|
| Quantity:          | 200 µg  |
| Protein Species:   | Human   |
| Species of Lysate: | Human Cells                                     |
| Application:       | Immunoprecipitation (IP), Western Blotting (WB) |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Whole cell lysate   |
| Specificity:     | Non-denatured   |
| Characteristics: | THP-1 (human acute monocytic leukemia) whole cell lysate (non-denatured)<br>Used Tissue: Peripheral Blood |
| Lysate Fraction: | Whole Cell Lysate   |
| Lysate Type:     | Cell Lysate   |
| Lysed Cells:     | THP-1 Cells   |

## Target Details

|             |                 |
|-------------|-----------------|
| Background: | Full Gene Name: |
|             | Synonyms:       |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95 °C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are |
|--------------------|--|

## Application Details

required, add reducing agent prior to heating.

Comment: Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors (Sigma). Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay).  
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1 mM EDTA, 1 % Triton X-100, 0.1 % SDS, 1 % Sodium deoxycholate, 1 mM PMSF.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Store at -80 °C. Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in: Massberg, Grahl, von Bruehl, Manukyan, Pfeiler, Goosmann, Brinkmann, Lorenz, Bidzhekov, Khandagale, Konrad, Kennerknecht, Reges, Holdenrieder, Braun, Reinhardt, Spannagl, Preissner, Engelmann: "Reciprocal coupling of coagulation and innate immunity via neutrophil serine proteases." in: **Nature medicine**, Vol. 16, Issue 8, pp. 887-96, (2010) ([PubMed](#)).

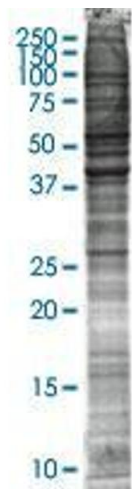


Image 1.