

# A549 Lysate

Catalog Number: ATGL0008

## PRODUCT INFORMATION

### Catalog number

ATGL0008

## 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

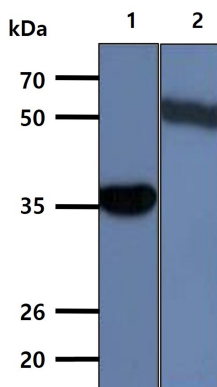
A549 cells are adenocarcinomic human alveolar basal epithelial cells. The A549 cell line was initiated from the removal and culturing of cancerous lung tissue in the explanted tumor from 58-year-old male, in 1972. A549 cells is able to synthesize lecithin and contain high level of unsaturated fatty acids, which are important to maintain the membrane phospholipids in cells. A549 cell line are widely used as an in vitro model for a type II pulmonary epithelial cell model for drug metabolism and as a transfection host.

### Quality Control

Western Blot analyzed by both GAPDH and Beta tubulin antibody

## DATA

### Western blot analysis (WB)



All lanes : A549 Whole Cell Lysate (40ug)

Lane 1. : Anti-GAPDH antibody (ATGA0181)

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