

# U-87 MG Lysate

Catalog Number: ATGL0019

## PRODUCT INFORMATION

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ATGL0019

## 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

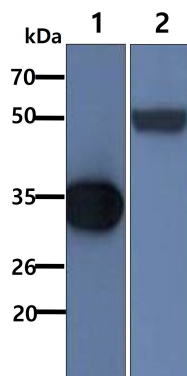
U-87 MG cells derived from malignant gliomas. This cells are used as an vitro model of human glioblastoma cells to investigate the cytotoxic effect of chemotherapeutic drugs towards cancer cells. The lysate is a good positive control for prostate apoptosis response-4 which is upregulated in prostate tumor cells undergoing apoptosis. It is also a good positive control for Alpha-1-ACT, a serine protease inhibitor tightly associated with amyloid plaques in Alzheimer's disease and in normal aged human and monkey brain.

### Quality Control

Western Blot analyzed by both GAPDH and Beta tubulin antibody

## DATA

### Western blot analysis (WB)



All lanes : U-87 MG Whole Cell Lysate (40ug)

Lane 1. : Anti-GAPDH antibody (ATGA0181)

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