

# Anti-Caspase 9 Mouse Monoclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E010350-01	50µl
E010350-02	100µl

<b>Specificity</b>	Anti- Caspase 9(H, R, M)
<b>Source</b>	Mouse Monoclonal Antibody IgG1
<b>Application</b>	WB
<b>Form</b>	Liquid, 1 mg/ml

## Background

Caspase-9 is an initiator caspase, encoded by the CASP9 gene. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).

## Specificity and Sensitivity

Antibody can detect endogenous Caspase 9 protein.

## Source and Purification

Antibody was produced by immunizing mice with Caspase 9 protein of human. Antibodies are purified by protein A affinity chromatography.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:1,000~5,000

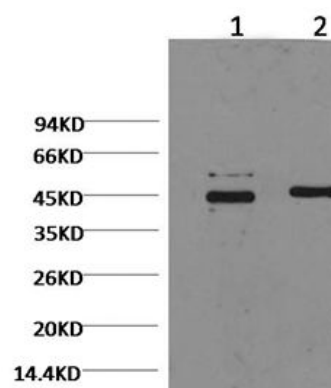
## Storage Buffer

Mouse IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

Stable for 1 year at  $-20^{\circ}C$  from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at  $4^{\circ}C$  for 3 months.

## Images



Western blot analysis of Hela with Caspase 9 Mouse mAb diluted at  
1) 1:2,000  
2) 1:5,000