

**Product Name: Caspase 9 (1D1) Mouse Monoclonal Antibody**  
**Catalog #: AMM03702**

---

## Summary

|                        |                                           |
|------------------------|-------------------------------------------|
| <b>Production Name</b> | Caspase 9 (1D1) Mouse Monoclonal Antibody |
| <b>Description</b>     | Mouse Monoclonal Antibody                 |
| <b>Host</b>            | Mouse                                     |
| <b>Application</b>     | WB                                        |
| <b>Reactivity</b>      | Human                                     |

## Performance

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                   |
| <b>Modification</b> | Unmodified                                                                                     |
| <b>Isotype</b>      | IgG1                                                                                           |
| <b>Clonality</b>    | Monoclonal                                                                                     |
| <b>Form</b>         | Liquid                                                                                         |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.       |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| <b>Purification</b> | Affinity Purification                                                                          |

## Immunogen

|                          |                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | CASP9                                                                                                                                             |
| <b>Alternative Names</b> | CASP9; MCH6; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; APAF-3; ICE-like apoptotic protease 6; ICE-LAP6 |
| <b>Gene ID</b>           | 842                                                                                                                                               |
| <b>SwissProt ID</b>      | P55211.                                                                                                                                           |

## Application

|                         |                                               |
|-------------------------|-----------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000                              |
| <b>Molecular Weight</b> | Calculated MW: 46 kDa; Observed MW: 49,37 kDa |

**Product Name: Caspase 9 (1D1) Mouse Monoclonal Antibody**  
**Catalog #: AMM03702**



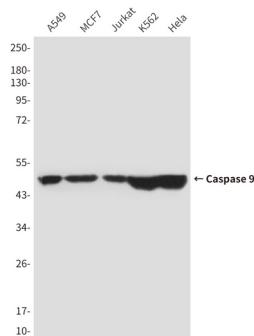
## Background

Caspase-9 (ICE-LAP6, Mch6) is an important member of the cysteine aspartic acid protease (caspase) family. Upon apoptotic stimulation, cytochrome c released from mitochondria associates with the 47 kDa procaspase-9/Apaf 1. Apaf-1 mediated activation of caspase-9 involves intrinsic proteolytic processing resulting in cleavage at Asp315 and producing a p35 subunit.

## Research Area

Cell Biology

## Image Data



Western blot analysis of Caspase9 in A549, MCF-7, Jurkat, K562 and Hela lysates using Caspase9 antibody.

## Note

For research use only.