

A10097

Leader in Biomolecular Solutions for Life Science



Caspase-9 Mouse mAb

Catalog No.: A10097

Basic Information

Observed MW

46kDa

Calculated MW

46kDa

Category

Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human

Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
842

Swiss Prot
P55211

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6; Caspase-9

Contact

 www.abclonal.com

Product Information

Source
Mouse

Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.