

Recombinant Caspase 9 Monoclonal Antibody

catalog number: **E-AB-81541**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

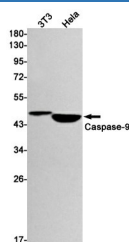
Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein of human Caspase-9
Host	Rabbit
Isotype	IgG
Clone	R09-4C4
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications Recommended Dilution

WB	1:500-1:1000
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Data



Western blot detection of Caspase-9 in 3T3,HeLa cell lysates using Caspase-9 Rabbit mAb(1:1000 diluted).Predicted band size:46kDa.Observed band size:46kDa.

Observed-MW:46 kDa

Calculated-MW:46 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Caspase 9,apoptosis-related cysteine protease (CASP9,synonyms: MCH6,APAF3,APAF-3,ICE-LAP6,CASPASE-9c)is 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 2 subunits,large and small,that dimerize to form the active enzyme. Caspase 9 is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade.

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