

Recombinant**DGRmAb®****Caspase-9 (DGR13836) Rabbit mAb****db16098****Package : 10µL 20µL 50µL 100µL****Product Name :** Caspase-9 (DGR13836) Rabbit mAb**Cat.No.:** db16098**Synonyms :** MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**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. [provided by RefSeq, May 2013]

Immunogen

A synthetic peptide of human Caspase-9

Gene ID

842

Swiss Prot

P55211

Synonyms

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

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50-1:200

ICC/IF: 1:200-1:500

FC: 1:100-1:200

IP: 1:50-1:100

Calculated MW

46 kDa

Observed MW

46 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR13836
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.