Recombinant DGRmAb®

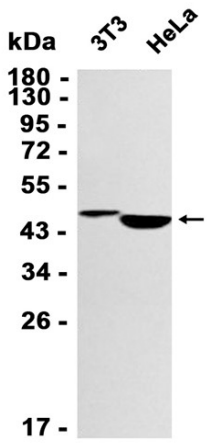
Caspase-9 (DGR13230) Rabbit mAb

db14222 **Package : 10μL 20μL 50μL 100μL**

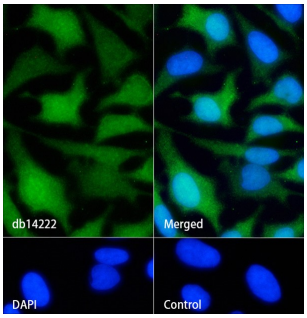
Product Name : Caspase-9 (DGR13230) Rabbit mAb
Cat.No.: db14222
Synonyms : MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse
Host species : Rabbit

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	Recombinant protein of human Caspase-9
Gene ID	842
Swiss Prot	P55211
Synonyms	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
Reactivity	Human,Mouse
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:200-1:500 IP: 1:50-1:100
Calculated MW	46 kDa
Observed MW	46 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR13230
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.



Western blot analysis of extracts from 3T3, HeLa cells using db14222 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Caspase-9 with db14222.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14222 (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.