Recombinant DGRmAb®

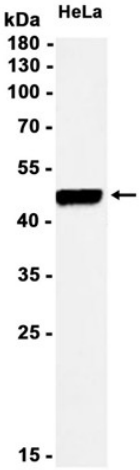
Caspase-1 (DGR16419) Rabbit mAb

db12385 **Package : 10μL 20μL 50μL 100μL**

Product Name : Caspase-1 (DGR16419) Rabbit mAb
Cat.No.: db12385
Synonyms : ICE; P45; IL1BC
Application : WB, IP
Reactivity : Human
Host species : Rabbit

Background	This gene encodes a protein which 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. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq, Mar 2012]
Immunogen	Recombinant protein of human Caspase-1
Gene ID	834
Swiss Prot	P29466
Synonyms	ICE; P45; IL1BC
Reactivity	Human
Application	WB, IP
Recommended dilution	WB: 1:1000 IP: 1:20-1:50
Calculated MW	45 kDa
Observed MW	48 kDa (Full Length), 20 kDa (Cleaved Caspase 1 P20)
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR16419
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 HeLa cells using db12385 at 1:1000.