Recombinant DGRmAb®

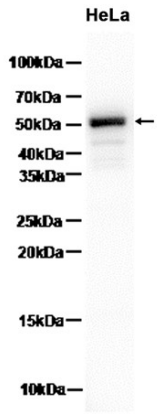
pro Caspase-1 (DGR14133) Rabbit mAb (PBS Only)

db11405-PBS **Package : 10μg 100μg**

Product Name : pro Caspase-1 (DGR14133) Rabbit mAb (PBS Only)
Cat.No.: db11405-PBS
Synonyms : ICE; P45; IL1BC
Application : WB, IP
Reactivity : Human,Mouse,Rat
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 pro Caspase-1
Gene ID	834, 12362, 25166
Swiss Prot	P29466, P29452, P43527
Synonyms	ICE; P45; IL1BC
Reactivity	Human,Mouse,Rat
Application	WB, IP
Calculated MW	45 kDa
Observed MW	48,12 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14133
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db11405 at 1:1000.