

Recombinant

DGRmAb®

Caspase-1 (DGR16419) Rabbit mAb (PBS Only)

db12385-PBS

Package : 100µg

Product Name : Caspase-1 (DGR16419) Rabbit mAb (PBS Only)**Cat.No.:** db12385-PBS**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

Calculated MW

45 kDa

Observed MW

45,20 kDa

Host species

Rabbit

Clonality

Monoclonal

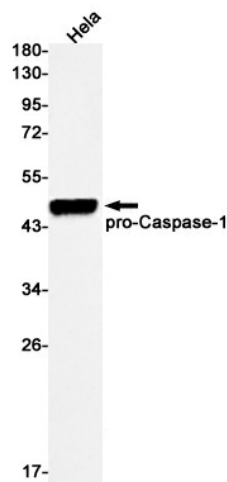
Clonality No.

DGR16419

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 detection of Caspase-1 in HeLa cell lysates using Caspase-1 antibody(1:500 diluted).