

Recombinant**DGRmAb®****Caspase-11 (DGR13235) Rabbit mAb (PBS Only)****db14701-PBS****Package : 100µg****Product Name :** Caspase-11 (DGR13235) Rabbit mAb (PBS Only)**Cat.No.:** db14701-PBS**Synonyms :** Casp1; ich-3; CASP-4; Casp11; CASP-11**Application :** WB, IP**Reactivity :** Mouse**Host species :** Rabbit**Background**

This gene encodes a member of the cysteine proteases that plays important roles in apoptosis, cell migration and the inflammatory response. The encoded protein mediates production of pro-inflammatory cytokines by macrophages upon bacterial infection. Mice lacking the encoded protein are resistant to endotoxic shock induced by lipopolysaccharide. A 5-bp deletion encompassing a splice acceptor junction resulting in alternate splicing and a shorter non-functional isoform in certain mouse strains has been described. Although its official nomenclature is "caspase 4, apoptosis-related cysteine peptidase", this gene and its encoded protein have historically been called caspase 11. This gene is present in a cluster of three caspase genes on chromosome 9. [provided by RefSeq, Apr 2015]

Immunogen

Recombinant protein of mouse Caspase-11

Gene ID

12363

Swiss Prot

P70343

Synonyms

Casp1; ich-3; CASP-4; Casp11; CASP-11

Reactivity

Mouse

Application

WB, IP

Calculated MW

43 kDa

Observed MW

43,38,25 kDa

Host species

Rabbit

Clonality

Monoclonal

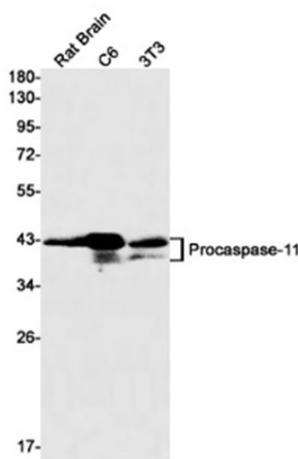
Clonality No.

DGR13235

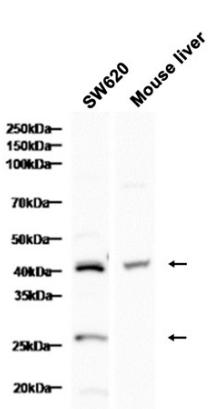
Isotype

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-11 in C6,3T3,HeLa cell lysates using Caspase-11 antibody(1:1000 diluted).



Western blot analysis of extracts from SW620 cells and Mouse liver tissue using db14701 at 1:1000.