

Recombinant**DGRmAb®****Caspase-11 (DGR21042) Rabbit mAb (PBS Only)****db12404-PBS****Package : 100µg****Product Name :** Caspase-11 (DGR21042) Rabbit mAb (PBS Only)**Cat.No.:** db12404-PBS**Synonyms :** Casp1; ich-3; CASP-4; Casp11; CASP-11**Application :** WB**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

Calculated MW

43 kDa

Observed MW

43 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR21042

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.

RAW264.7Western blot analysis of extracts from RAW264.7 cells using [db12404](#) at 1:1000.