

**Recombinant****DGRmAb®****Caspase-11 (DGR21042) Rabbit mAb****db12404****Package : 10µL 20µL 50µL 100µL****Product Name :** Caspase-11 (DGR21042) Rabbit mAb**Cat.No.:** db12404**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

**Recommended dilution**

WB: 1:1000

**Calculated MW**

43 kDa

**Observed MW**

43 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR21042

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.

**RAW264.7** Western blot analysis of extracts from RAW264.7 cells using db12404 at 1:1000.

