

Recombinant

DGRmAb®

**Caspase-2 (DGR35455) Rabbit mAb**

db11291

Package : 10µL 20µL 50µL 100µL

**Product Name** : Caspase-2 (DGR35455) Rabbit mAb**Cat.No.:** db11291**Synonyms** : ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

**Immunogen**

Recombinant protein of human Caspase-2

**Gene ID**

835, 12366, 64314

**Swiss Prot**

P42575, P29594, P55215

**Synonyms**

ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000

IHC-P: 1:100-1:200

ICC/IF: 1:200-1:500

FC: 1:200-1:500

**Calculated MW**

51 kDa

**Observed MW**

48, 30 kDa

**Host species**

Rabbit

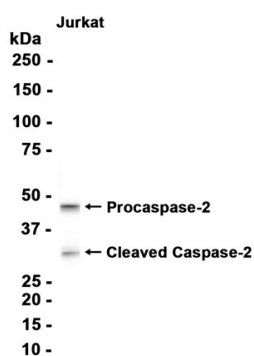
**Clonality**

Monoclonal

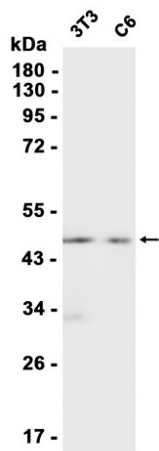
**Clonality No.**

DGR35455

<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.



Western blot analysis of extracts from Jurkat cells using db11291 at 1:1000.



Western blot analysis of extracts from 3T3, C6 cells using db11291 at 1:1000.