

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 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR35455

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.

Jurkat

kDa

250 -

150 -

100 -

75 -

50 -

37 -

25 -

20 -

15 -

10 -

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

Jurkat

3T3

C6

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

