

Recombinant

DGRmAb®

Cleaved Caspase-3 (DGR11497) Rabbit mAb

db15982

Package : 10µL 20µL 50µL 100µL

Product Name : Cleaved Caspase-3 (DGR11497) Rabbit mAb**Cat.No.:** db15982**Synonyms** : CPP32; SCA-1; CPP32B**Application** : WB, ICC/IF**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a cysteine-aspartic acid protease that plays a central role in the execution-phase of cell apoptosis. The encoded protein cleaves and inactivates poly(ADP-ribose) polymerase while it cleaves and activates sterol regulatory element binding proteins as well as caspases 6, 7, and 9. This protein itself is processed by caspases 8, 9, and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. [provided by RefSeq, Aug 2017]

Immunogen

A synthetic peptide of human active Caspase-3

Gene ID

836

Swiss Prot

P42574

Synonyms

CPP32; SCA-1; CPP32B

Reactivity

Human

Application

WB, ICC/IF

Recommended dilutionWB: 1:1000
ICC/IF: 1:100-1:200**Calculated MW**

32 kDa

Observed MW

17 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11497

Isotype

IgG

Purity

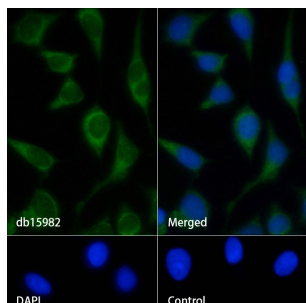
Affinity Purification

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.



Immunofluorescence analysis of HeLa cells labelling Cleaved Caspase-3 with db15982.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15982 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.