



Caspase-3 (DGR13170) Rabbit mAb

db12058 Package : 10μL 20μL 50μL 100μL

Product Name: Caspase-3 (DGR13170) Rabbit mAb

Cat.No.: db12058

Synonyms : CPP32; SCA-1; CPP32B **Application :** WB, IHC, ICC/IF, FC, IP

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 Caspase-3

Gene ID 836

Swiss Prot P42574

Synonyms CPP32; SCA-1; CPP32B

Reactivity Human

Application WB, IHC, ICC/IF, FC, IP

Recommended dilution WB: 1:1000-1:5000

IHC: 1:20-1:100 ICC/IF: 1:200-1:500 FC: 1:200-1:500

IP: 1:20

Calculated MW 32 kDa

Observed MW 32.17 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR13170





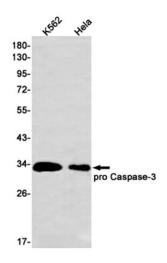
Isotype IgG

Purity Affinity Purification

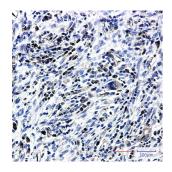
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

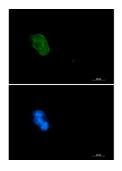
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Caspase-3 in K562, Hela cell lysates using Caspase-3 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using db12058 antibody.



Immunofluorescent analysis of 293 cells using db12058 antibody (green), and DAPI (blue).