Recombinant Cleaved Caspase-3 (Asp175) Monoclonal Antibody

catalog number: **AN301359L**

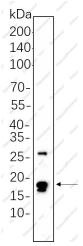
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Cleaved Caspase-3 (Asp175) protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110982
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

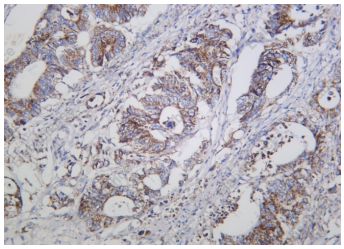
Data



Western Blot with Recombinant Cleaved Caspase-3 (Asp175) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: NIH-3T3 cell lysate.

Observed-MW:17 kDa,19 kDa

Calculated-MW:17 kDa,19 kDa



Immunohistochemistry of paraffin-embedded human colon carcinoma using Recombinant Cleaved Caspase-3 (Asp175) Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloi d-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.

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