

Caspase 9 Mouse Monoclonal Antibody (TDY3-20)

Catalog TDY102C TDY102F

Tel: 010-82908854

Quantity 50μL 100μL

Free: 400-0620-621

Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IP, IF	H, R, M	47KD(H), 51KD(R, M)	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

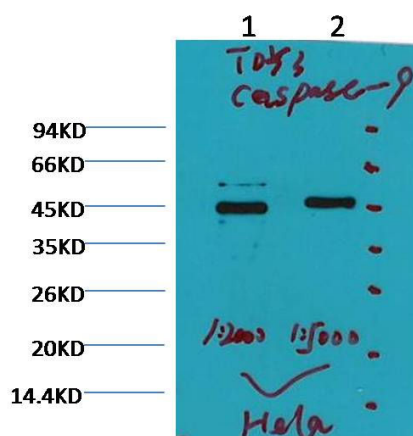
Recommended dilutions: WB: 1:1,000-5,000 IP:1:200 IF: 1:100-200

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous Caspase 9 protein.

Alternative Names: APAF 3 antibody, Apoptosis related cysteine peptidase antibody, Apoptotic protease-activating factor 3 antibody, CASP 9 antibody

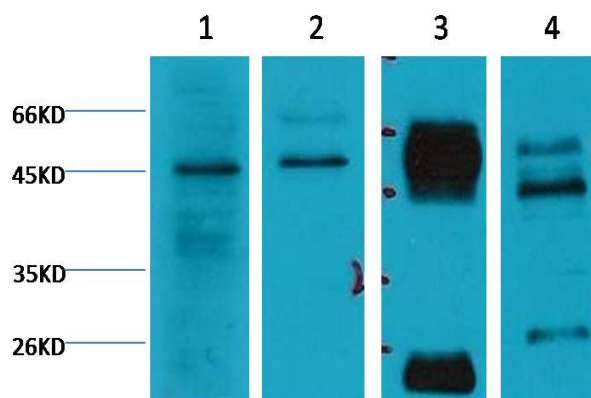
Background: Caspase-9 is an initiator caspase, encoded by the CASP9 gene. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).



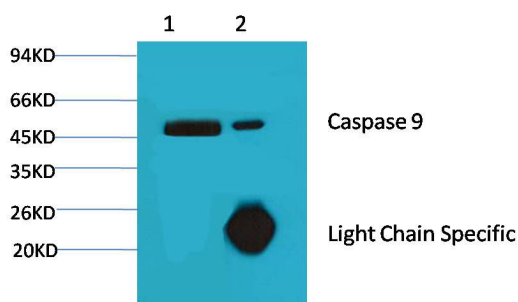
Western blot analysis of HeLa with Caspase 9 (TDY3-20) Mouse mAb diluted at

1) 1:2,000

2) 1:5,000



Western blot analysis of 1) Jurkat, 2) HepG2, 3) Mouse Heart, 4) Rat Heart with Caspase 9 (TDY3-20) Mouse mAb diluted at 1:3,000

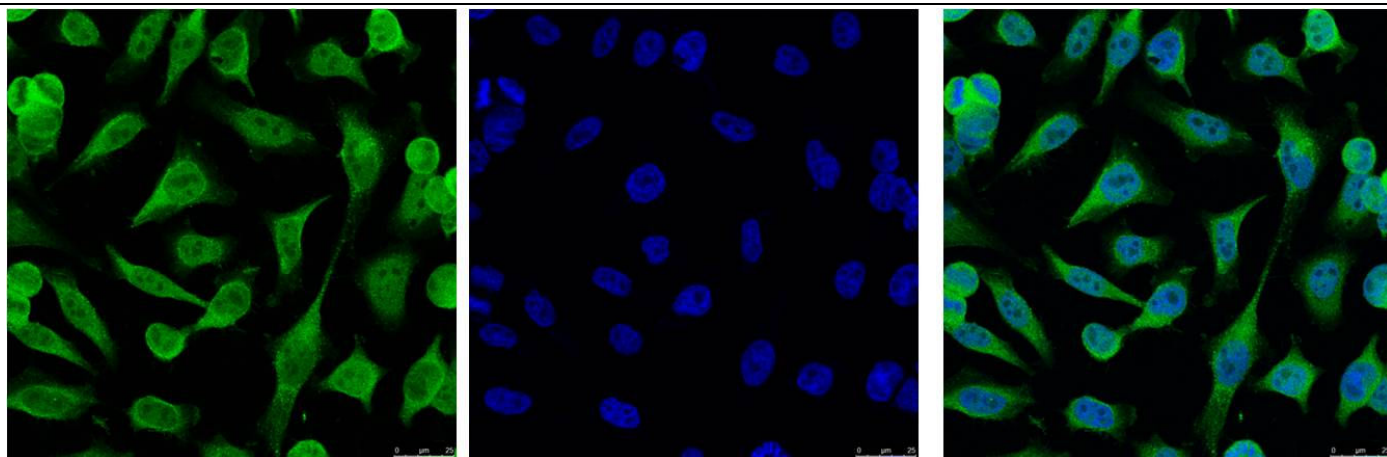


1, Input: HeLa Cell Lysate

2, IP product: IP dilute 1:200

Western blot analysis: primary antibody: TDY102 1:1,000

Secondary antibody: Goat anti-Mouse IgG, Light chain specific(S003), 1:5,000



IF analysis of HeLa with TDY102(Left) and DAPI (Right) diluted at 1:100.