

Caspase 9 Mouse Monoclonal Antibody (TDY3-20)

Catalog No: RA10355

Basic Information

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|--------------------------|---|
| Host species | Mouse |
| Applications | WB, IP, IF |
| Species Cross-Reactivity | H, R, M |
| Specificity | Antibody can detects endogenous Caspase 9 protein. |
| Recommended dilutions | WB: 1:1,000-5,000 IP:1:200 IF: 1:100-200 Optimal dilutions should be determined by the end user. |

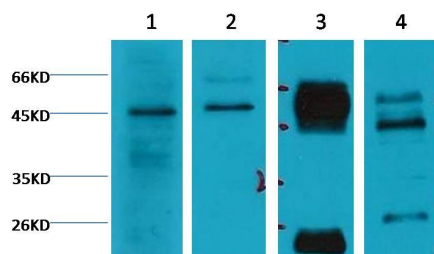
Applications

| | |
|---------------|--|
| Formulation | PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Concentration | 1 mg/ml |
| Clonality | Monoclonal |

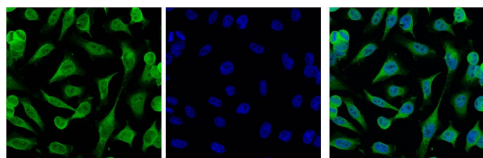
Background

| | |
|-------------------------|--|
| Alternative Names | APAF 3 antibody, Apoptosis related cysteine peptidase antibody, Apoptotic protease-activating factor 3 antibody, CASP 9 antibody |
| Observed band | 47 (51) |
| Human Gene ID | 842 |
| Human Swiss-Prot Number | P55211 |
| 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). |

Selected Validation Data



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



IF analysis of HeLa with Caspase 9 Mouse mAb(Left) and DAPI (Right) diluted at 1:100.