

Caspase 9 Mouse Monoclonal Antibody (TDY3-20)

Catalog No.: RA10355

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	47KD(H),51KD(M,R)

Applications

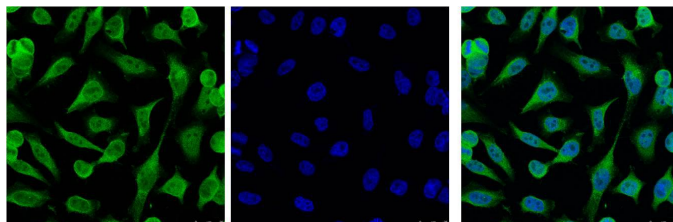
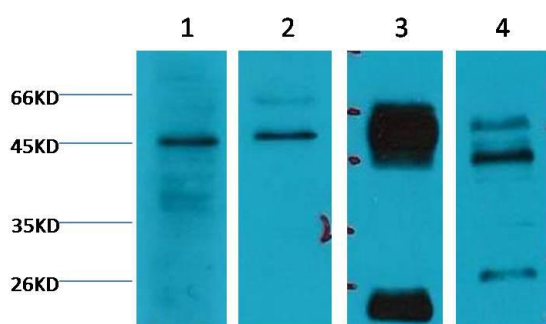
Recommended Dilution

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

Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental 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.

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).