

Caspase 9 Mouse Monoclonal Antibody

Catalog No: #38034

Package Size: #38034-1 50ul #38034-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

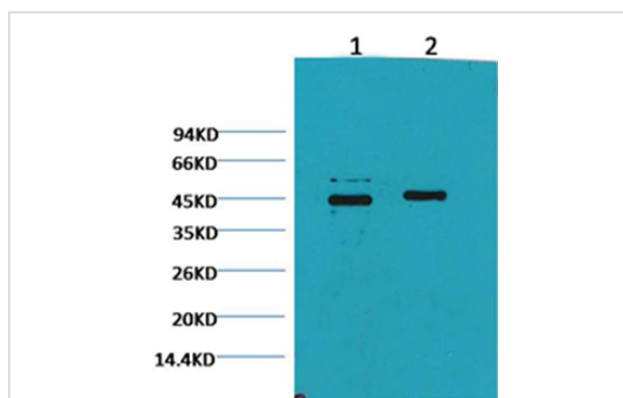
Product Name	Caspase 9 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB IP
Species Reactivity	Human;Mouse;Rat
Specificity	Antibody detects endogenous Caspase 9 protein.
Conjugates	Unconjugated
Target Name	Caspase 9
Other Names	APAF-3; APAF3; apoptotic protease activating factor 3; Apoptotic protease Mch-6
Accession No.	Swiss-Prot#:P55211
SDS-PAGE MW	46kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

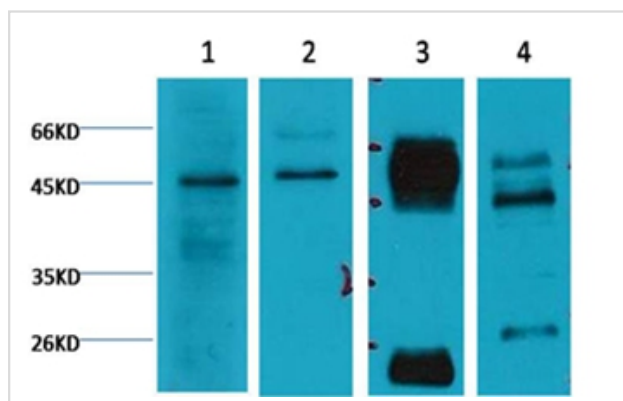
Western blotting: 1:1000~1:5000

Immunoprecipitation: 1:200

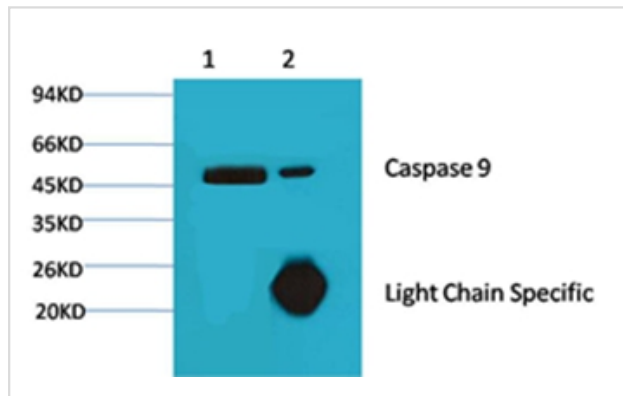
Images



Western blot analysis of HeLa cells, using #38034 diluted at
1B£B©1:2,000 2B£B©1:5,000



Western blot analysis of 1B£B@Jurkat, 2) HepG2, 3) Mouse Heart, 4) Rat Heart, using #38034 diluted at 1:3,000.



1B'B'Input: Hela Cell Lysate
2B'B'IP product: IP dilute 1:200
Western blot analysis: primary antibody : #38034 1:1,000
Secondary antibody: Goat anti-Mouse IgG, Light chain specific, 1:5,000

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).

Published Papers

JuBo Wang;DanFeng Dong;MaoDe Wang;Ke Gao et al., IDH1 Overexpression Induced Chemotherapy Resistance and IDH1 Mutation Enhanced Chemotherapy Sensitivity in Glioma Cells in Vitro and in Vivo, , (2014)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.