BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Caspase-9 CASP9 Rabbit Monoclonal Antibody

Catalog Number: M00080

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Overview

Product Name	Anti-Caspase-9 CASP9 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Caspase-9 CASP9 Rabbit Monoclonal Antibody catalog # M00080. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal GEO-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P55211

Technical Details

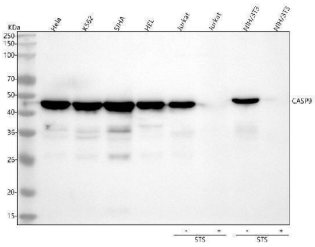
Immunogen	A synthesized peptide derived from human Caspase-9
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

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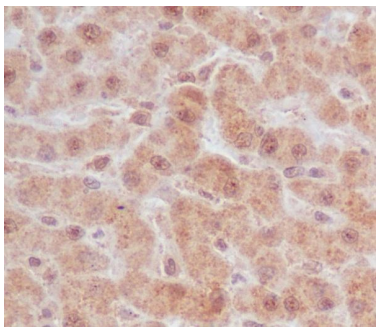
	IHC 1:50-200 ICC/IF 1:50-200 IP 1:20

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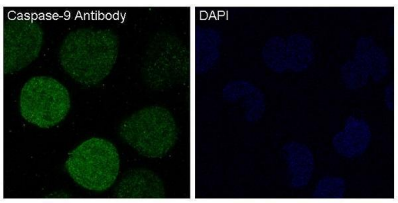
Anti-Caspase-9 CASP9 Rabbit Monoclonal Antibody (M00080) Images



Western blot analysis of Caspase-9 using anti-Caspase-9 antibody (M00080). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human SiHa whole cell lysates, Lane 4: human HEL whole cell lysates, Lane 5: human Jurkat whole cell lysates, Lane 6: human Jurkat whole cell lysates, Lane 7: mouse NIH/3T3 whole cell lysates, Lane 8: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Caspase-9 antigen affinity purified monoclonal antibody (Catalog # M00080) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Caspase-9 at approximately 46 kDa. The expected band size for Caspase-9 is at 46 kDa.



Immunohistochemical analysis of paraffin-embedded human liver, using Caspase-9 Antibody.



Immunofluorescent analysis of HeLa cells treated with staurosporine, using Caspase-9 Antibody.

4 Publications Citing This Product

1. PubMed ID: 24798292, Dai C, Li J, Tang S, Li J, Xiao X. Antimicrob Agents Chemother. 2014 Jul;58(7):4075-85. Doi: 10.1128/Aac.00070-14. Epub 2014 May 5. Colistin-Induced Nephrotoxicity In Mice Involves The Mitochondrial, Death Receptor, And Endoplasmic Reticulum Pathw...

2. PubMed ID: 24137393, Chang C, Liu Sp, Fang Ch, He Rs, Wang Z, Zhu Yq, Jiang Sw. Oncol Lett. 2013 Sep;6(3):699-704. Epub 2013 Jul 8. Effects Of Matrine On The Proliferation Of Ht29 Human Colon Cancer Cells And Its Antitumor Mechanism.

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3. PubMed ID: 25024681, In vivo?and?in vitro?evaluation of the cytotoxic effects of Photosan-loaded hollow silica nanoparticles on liver cancer

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