

Mouse Caspase 9 Monoclonal Antibody | anti-CASP9 antibody

Caspase 9 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276803	Mouse	Human, Rat, Mouse	Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Caspase 9; Monoclonal Antibody; Caspase 9 Mouse mAb; APAF 3 antibody; Apoptosis related cysteine peptidase antibody; Apoptotic protease-activating factor 3 antibody; CASP 9 antibody; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CASP9 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



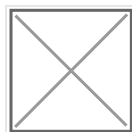
IF (Immunofluorescence)

IF analysis of Hela with EM1077(Left) and DAPI (Right) diluted at 1:100.



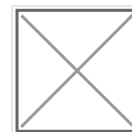
Application Data

1. Input: Hela Cell Lysate 2. IP product: IP dilute 1:200 Western blot analysis: primary antibody : EM1077 1:1,000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific(S003), 1:5,000



WB (Western Blot)

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



WB (Western Blot)

Western blot analysis of Hela with Caspase 9 Mouse mAb diluted at 1) 1:2,000 2) 1:5,000

ADDITIONAL INFORMATION

Related Product Information for anti-CASP9 antibody

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).

Product Categories/Family for anti-CASP9 antibody

Cytosol; Mitochondrion; Nucleus

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790124
NCBI GeneID	842
NCBI Accession #	NP_001220.2
NCBI GenBank Nucleotide #	NM_001229.4
UniProt Accession #	P55211; Q95348; Q53Y70; Q5JRU9; Q5UGI1; Q92852; Q9BQ62; Q9UEQ3; Q9UIJ8; B4E1A3
Molecular Weight	46,281 Da
NCBI Official Full Name	caspase-9 isoform alpha
NCBI Official Synonym Full Names	caspase 9, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP9
NCBI Official Synonym Symbols	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
NCBI Protein Information	caspase-9; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56
UniProt Protein Name	Caspase-9
UniProt Gene Name	CASP9
UniProt Synonym Gene Names	MCH6; CASP-9; APAF-3; ICE-LAP6
UniProt Entry Name	CASP9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/caspase-9-antibody-immunofluorescence-immunoprecipitation-western-blot-elisa/276803>