

Mouse Caspase-9 Monoclonal Antibody | anti-CASP9 antibody

Caspase-9 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320380	Mouse	Human, Transfected	Western Blot

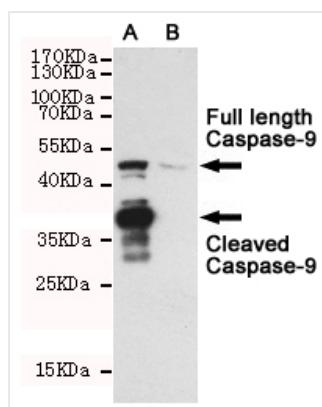
PRODUCT SYNONYMS

Caspase-9; Monoclonal Antibody; Caspase-9 Mouse mAb; Caspase9; APAF 3; APAF-3; APAF3; Apoptosis related cysteine peptidase; Apoptotic protease activating factor 3; Apoptotic protease Mch 6; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; CASP 9; CASP-9; CASP9; CASP9_HUMAN; Caspase 9 apoptosis related cysteine peptidase; Caspase 9 Dominant Negative; Caspase 9c; Caspase-9 subunit p10; ICE LAP6; ICE like apoptotic protease 6; ICE-LAP6; ICE-like apoptotic protease 6; MCH6; PPP1R56; protein phosphatase 1; regulatory subunit 56; RNCASP9; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

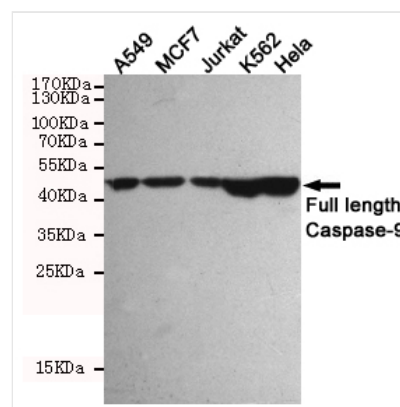
Host	Mouse
Reactivity	Human, Transfected
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Caspase-9 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CASP9 antibody	WB (Western Blot)
Immunogen	Purified recombinant human Caspase-9 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot detection of Caspase-9 in CHO-K1 cell lysate(B) and CHO-K1 transfected by Caspase-9(A) cell lysate using Caspase-9 mouse mAb (1:1000 diluted). Predicted band size: 49/37KDa. Observed band size: 49/37KDa.



WB (Western Blot)

Western blot detection of Caspase-9 in A549, MCF7, Jurkat, K562 and Hela cell lysates using Caspase-9 mouse mAb (1:1000 diluted). Predicted band size: 49/37KDa. Observed band size: 49KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP9 antibody	CASP9 encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. Caspase 9 can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. Caspase 9 is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CASP9 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790124
NCBI GeneID	842
NCBI Accession #	NP_001220.2
NCBI GenBank Nucleotide #	NM_001229.4
UniProt Accession #	P55211 ; O95348 ; 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-western-blot-elisa/320380>