

CASP9 recombinant antibody

CASP9 Recombinant Monoclonal Antibody

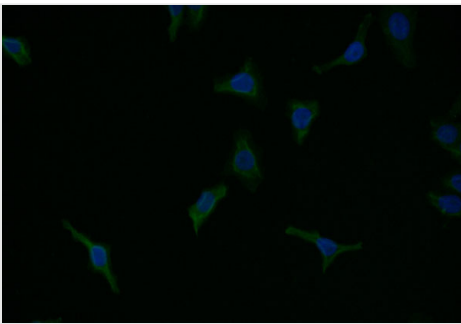
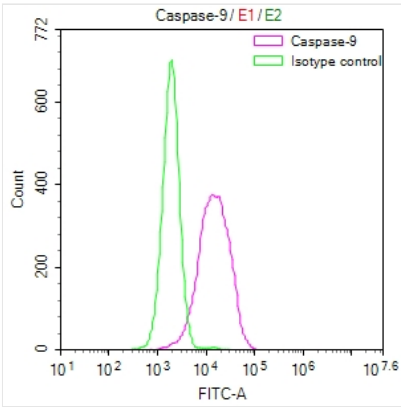
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279124	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

PRODUCT SYNONYMS

CASP9; Monoclonal Recombinant Antibody; CASP9 Recombinant Monoclonal Antibody; Caspase-9 (CASP-9)(EC 3.4.22.62)(Apoptotic protease Mch-6)(Apoptotic protease-activating factor 3)(APAF-3)(ICE-like apoptotic protease 6)(ICE-LAP6) [Cleaved into: Caspase-9 subunit p35; Caspase-9 subunit p10]; MCH6; CASP9 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	8G5
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for CASP9 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human CASP9
Conjugation	Non-conjugated
Research Area	Cancer; Cell biology; Metabolism
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 with AAA279124 at 1:7, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 525-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HepG2 cells stained with AAA279124 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?. Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.

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.