

Datasheet for ABIN724179

anti-Caspase 9 antibody (AA 271-314) (Cy5)



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Overview

Quantity:	100 µL
Target:	Caspase 9 (CASP9)
Binding Specificity:	AA 271-314
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 9 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Caspase-9 subunit p35
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Caspase 9 (CASP9)
Alternative Name:	Caspase-9 (CASP9 Products)
Background:	Synonyms: MCH6, APAF3, APAF-3, PPP1R56, ICE-LAP6, Caspase-9, CASP-9, Apoptotic

Target Details

protease Mch-6, Apoptotic protease-activating factor 3, ICE-like apoptotic protease 6, CASP9

Background: Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.

Gene ID:	842
UniProt:	P55211
Pathways:	MAPK Signaling , RTK Signaling , Apoptosis , Caspase Cascade in Apoptosis , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months