

Datasheet for ABIN560175  
**anti-Caspase 9 antibody (AA 1-416)**



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5 Images

Overview

Quantity:	100 µg
Target:	Caspase 9 (CASP9)
Binding Specificity:	AA 1-416
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Caspase 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant CASP9.
Immunogen:	CASP9 (AAH02452.1, 1 a.a. ~ 416 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDEADRRLLR RCRLRLVEEL QVDQLWDALL SRELFRRPHMI EDIQRAGSGS RRDQARQLII DLETRGSQAL PLFISCLEDT GQDMLASFLR TNRQAAKLSK PTLENLTPVV LRPEIRKPEV LRPETPRPVD IGSGGFGDVG ALESLRGNAD LAYILSMEPC GHCLIINNVN FCRESGLRTR TGSNIDCEKL RRRFSSLHFM VEVKGDLTAK KMVLALLELA QQDHGALDCC VVILSHGCCQ ASHLQFPGAV YGTDGCPVSV EKIVNIFNGT SCPSLGGKPK LFFIQACGGE QKDHGFEVAS TSPEDESPGS NPEPDATPFQ EGLRTFDQLD AISSLTPSD IFVSYSTFPF FVSWRDPKSG SWYVETLDDI FEQWAHSEDL QSLLLRVANA VSVKGIYKQM PGCNFNLRKK LFFKTS
Clone:	3B8-4G2

## Product Details

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Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	Caspase 9 (CASP9)
Alternative Name:	CASP9 ( <a href="#">CASP9 Products</a> )
Background:	Full Gene Name: caspase 9, apoptosis-related cysteine peptidase Synonyms: APAF-3, APAF3, CASPASE-9c, ICE-LAP6, MCH6
Gene ID:	842
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

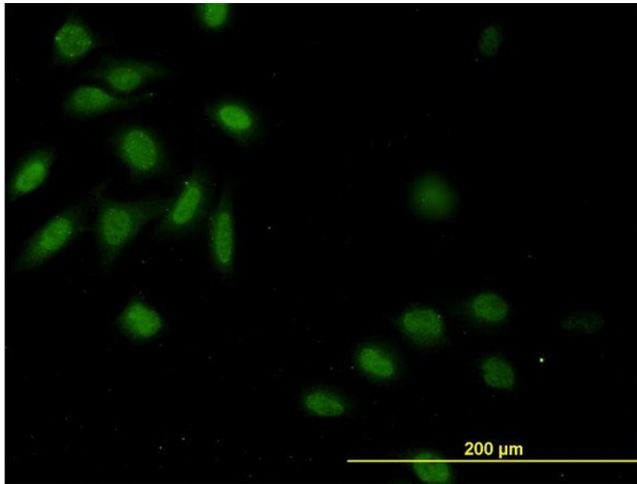
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

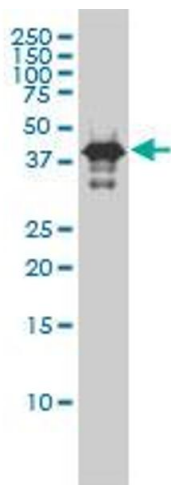
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



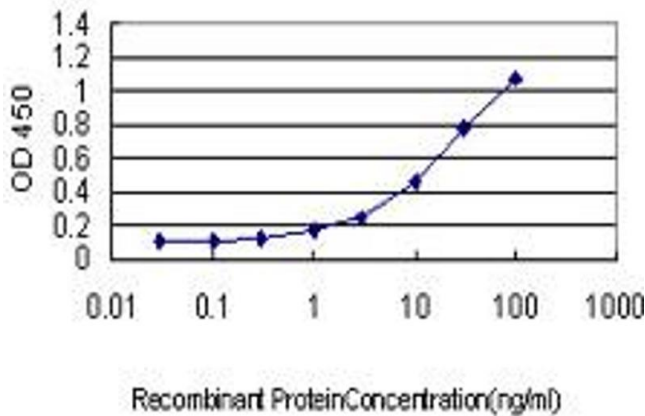
### Immunofluorescence

**Image 1.** Immunofluorescence of monoclonal antibody to CASP9 on HeLa cell. [antibody concentration 10 ug/ml]



### Western Blotting

**Image 2.** CASP9 monoclonal antibody (M01), clone 3B8-4G2. Western Blot analysis of CASP9 expression in HeLa S3 NE.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged CASP9 is approximately 3ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN560175.