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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CASP10 monoclonal antibody (M04), clone 3C9

Catalog # : H00000843-M04

規格 : [100 ug]

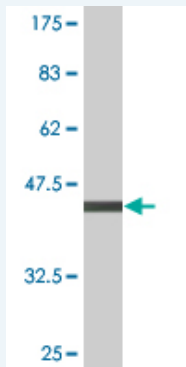
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant CASP10.
Immunogen:	CASP10 (NP_116756.2, 19 a.a. ~ 187 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SFREKLLIIDSNLGVQDVENLKFLCIGLVPNKLEKSSASDVFEHLLAEDL LSEEDPFFLAELLYIIRQKLLQHLNCTKEEVERLLPTRQRVSLFRNLLYE LSEGIDSENLKDMIFLLKDSLPKTEMTSLSFLAFLEKQGKIDEDNLTCLD LCKTVVPKLLRNIK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (44.22 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

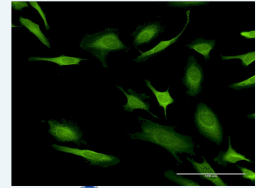
[Protocol Download](#)

Immunofluorescence

Application Image

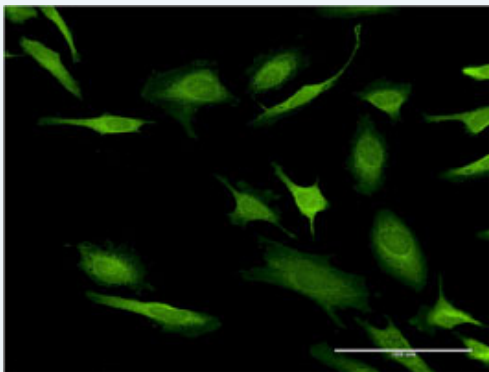
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

ELISA



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to CASP10 on HeLa cell . [antibody concentration 10 ug/ml]

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [843](#)

**GeneBank
Accession#:** [NM_032974](#)

**Protein
Accession#:** [NP_116756.2](#)

Gene Name: CASP10

Gene Alias: ALPS2,FLICE2,MCH4

**Gene
Description:** caspase 10, apoptosis-related cysteine peptidase

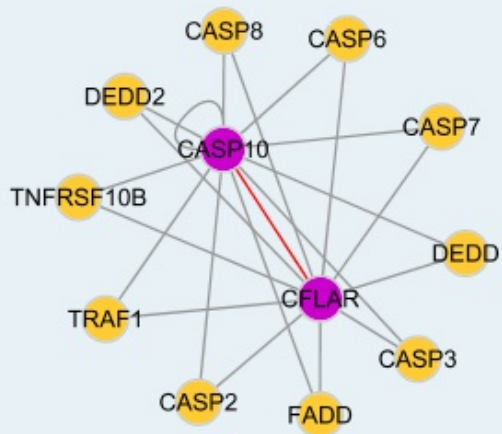
Omim ID: [137215](#), [601762](#), [603909](#), [605027](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a protein which is 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. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with apoptosis defects seen in type II autoimmune lymphoproliferative syndrome. Three alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

**Other
Designations:** FADD-like ICE2,Fas-associated death domain protein,ICE-like apoptotic protease 4,apoptotic protease MCH-4,caspase 10,caspase 10, apoptosis-related cysteine protease,interleukin-1B-converting enzyme 2

Interactome



Gene Pathway

[Apoptosis](#)

Related Disease

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[Bronchial Hyperreactivity](#) [Carcinoma, Large Cell](#) [Carcinoma, Non-Small-Cell Lung](#) [Clubfoot](#)
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[Leukemia](#) [Leukemia, chronic myeloid](#) [Leukemia, Myelogenous, Chronic, BCR-ABL Positive](#)
[Lung Neoplasms](#)

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