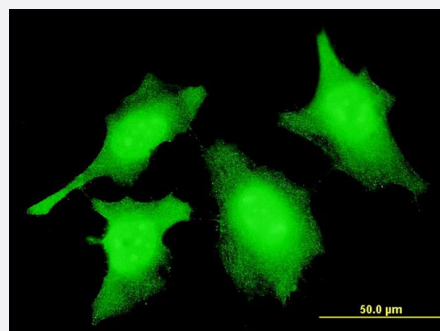


# CASP2 monoclonal antibody (M10), clone 1C11

Catalog # H00000835-M10

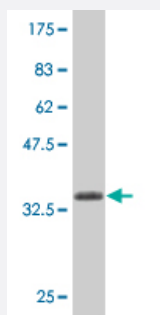
Size 100 ug

## Applications



### Immunofluorescence

Immunofluorescence of monoclonal antibody to CASP2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

|                            |                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a partial recombinant CASP2.                                             |
| <b>Immunogen</b>           | CASP2 (AAH02427, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>            | TLSQLQHVLPPPLSCDYDLSPFPVCECPLYKKLRLSTDVEHSLDNKDGPLCLQVKPCTPEFYQ<br>THFQLAYRLQSRPRGLALVLSNVHFTGEKELEFRS            |
| <b>Host</b>                | Mouse                                                                                                             |
| <b>Reactivity</b>          | Human                                                                                                             |
| <b>Isotype</b>             | IgG2a Kappa                                                                                                       |

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.63 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

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

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CASP2 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — CASP2

**Entrez GeneID**

[835](#)

**GeneBank Accession#**

[BC002427](#)

**Protein Accession#**

[AAH02427](#)

**Gene Name**

CASP2

**Gene Alias**

CASP-2, ICH-1L, ICH-1L/1S, ICH1, NEDD2

**Gene Description**

caspase 2, apoptosis-related cysteine peptidase

**Omim ID**

[600639](#)

**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 . The proteolytic cleavage of this protein is induced by a variety of apoptotic stimuli. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq]

**Other Designations**

ICH-1 protease|NEDD2 apoptosis regulatory|caspase 2|neural precursor cell expressed, developmentally down-regulated 2

**Disease**

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)