

Datasheet for ABIN4999095

**anti-Caspase 10 antibody (AA 431-521) (AbBy Fluor® 750)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Caspase 10 (CASP10)                                                                                                            |
| Binding Specificity: | AA 431-521                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This Caspase 10 antibody is conjugated to AbBy Fluor® 750                                                                      |
| Application:         | 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-10 |
| Isotype:          | IgG                                                            |
| Cross-Reactivity: | Human                                                          |
| Purification:     | Purified by Protein A.                                         |

## Target Details

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Target:           | Caspase 10 (CASP10)                                                                |
| Alternative Name: | Caspase-10 ( <a href="#">CASP10 Products</a> )                                     |
| Background:       | Synonyms: MCH4, ALPS2, FLICE2, Caspase-10, CASP-10, Apoptotic protease Mch-4, FAS- |

## Target Details

associated death domain protein interleukin-1B-converting enzyme 2, ICE-like apoptotic protease 4, CASP10

Background: Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates caspase-3, -4, -6, -7, -8, and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-I-AMC and Asp-Glu-Val-Asp-I-AMC. Isoform C is proteolytically inactive.

Gene ID: 843

UniProt: [Q92851](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

## 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