# Caspase-10 Rabbit pAb

Catalog No.: A0169



## **Basic Information**

#### **Observed MW**

Refer to figures

## **Calculated MW**

59kDa

## Category

Primary antibody

## **Applications**

IF/ICC,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

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 executionphase 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 type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

# **Recommended Dilutions**

IF/ICC 1:50 - 1:200

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 843 Q92851

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

MCH4; ALPS2; FLICE2; FLICE-2; Caspase-10

# **Contact**

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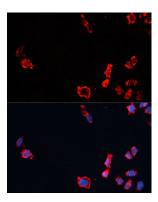
## **Product Information**

**Purification** Source Isotype Rabbit IgG Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.



Immunofluorescence analysis of HeLa cells using Caspase-10 Rabbit pAb (A0169) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.