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## 10-6603: Mouse Monoclonal Antibody to CASP3 (Clone: 1262CT521.280.101)(Discontinued)

Clonality: Monoclonal

**Clone Name:** 1262CT521.280.101

Application: WB
Reactivity: Human
Gene: CASP3
Gene ID: 836
Uniprot ID: P42574
Format: Purified

Alternative Name:

Caspase-3, CASP-3, Apopain, Cysteine protease CPP32, CPP-32, Protein Yama, SREBP cleavage

activity 1, SCA-1, Caspase-3 subunit p17, Caspase-3 subunit p12, CASP3, CPP32

**Isotype:** Mouse IgG1

Immunogen Information: Recombinant Protein

## **Description**

Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-|-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin. Triggers cell adhesion in sympathetic neurons through RET cleavage.

## **Product Info**

Amount :  $80 \mu l / 400 \mu l$ 

**Purification:** Protein G Chromatography

**Content:** Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

Storage condition:

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots

to prevent freeze-thaw cycles.

## **Application Note**

WB~1:2000

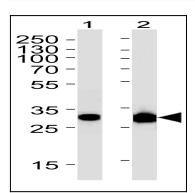


Figure 1: Western blot analysis of CASP3 Antibody (10-6603) with Lane 1: Jurkat, Lane 2: Ramos cell line lysates ( $351\frac{1}{4}$ g/lane). This demonstrates the CASP3 antibody detected the CASP3 protein.