

For Research Use Only

# Cleaved Caspase 3/P12 Recombinant monoclonal antibody, PBS Only

Catalog Number:87055-4-PBS



## Basic Information

**Catalog Number:**

87055-4-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC016926

**GeneID (NCBI):**

836

**UNIPROT ID:**

P42574

**Full Name:**

caspase 3, apoptosis-related cysteine peptidase

**Calculated MW:**

277 aa, 32 kDa

**Observed MW:**

12 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

252012D12

## Applications

**Tested Applications:**

WB, IF/ICC, Indirect ELISA

**Species Specificity:**

human

## Background Information

Cleaved Caspase-3 p12 is one of the two subunits of active Caspase-3 and plays a key catalytic role in the execution of apoptosis. Precursor cleavage of Caspase-3 ultimately forms an active heterotetramer composed of two p17 subunits and two p12 subunits.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

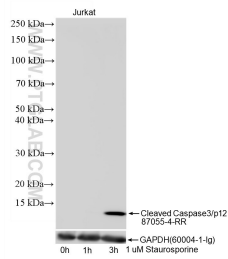
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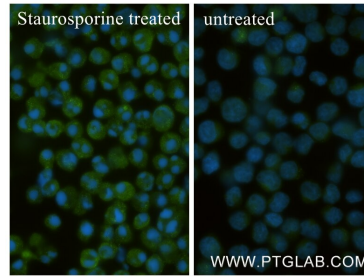
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## Selected Validation Data



Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 87055-4-RR (Cleaved Caspase 3/P12 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with GAPDH Monoclonal antibody (60004-1-Ig) as loading control. This data was developed using the same antibody clone with 87055-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Staurosporine treated Jurkat cells using Cleaved Caspase 3/P12 antibody (87055-4-RR, Clone: 252012D12) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87055-4-PBS in a different storage buffer formulation.