

For Research Use Only

# Cleaved Caspase 3/P12 Recombinant monoclonal antibody

Catalog Number:87055-4-RR



## Basic Information

<b>Catalog Number:</b> 87055-4-RR	<b>GenBank Accession Number:</b> BC016926	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 836	<b>CloneNo.:</b> 252012D12
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P42574	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000 IF/ICC: 1:400-1:1600
	<b>Full Name:</b> caspase 3, apoptosis-related cysteine peptidase	
	<b>Calculated MW:</b> 277 aa, 32 kDa	
	<b>Observed MW:</b> 12 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	WB : Staurosporine treated Jurkat cells, IF/ICC : Staurosporine treated Jurkat cells,

## 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

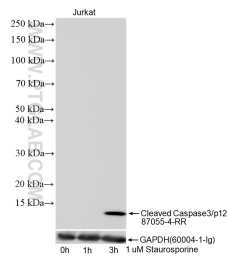
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

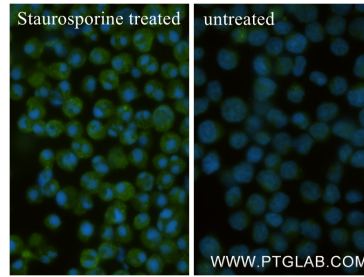
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## Selected Validation Data



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.



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).