

For Research Use Only

Cleaved Caspase 3/P12 Recombinant monoclonal antibody

Catalog Number:87055-4-RR



Basic Information

Catalog Number:

87055-4-RR

Size:

100ul , Concentration: 1000 µg/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

Recommended Dilutions:

WB: 1:2000-1:10000

IF/ICC: 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

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

*** 20ul sizes contain 0.1% BSA

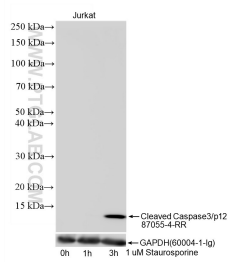
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

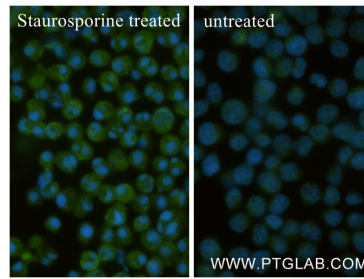
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).