

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

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

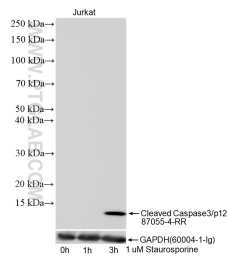
T: 4006900926

E: Proteintech-CN@ptglab.com

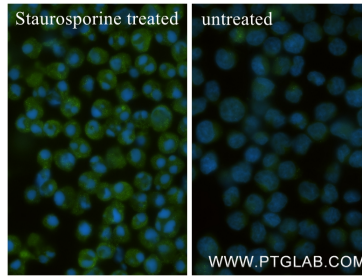
W: ptgcn.com

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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. 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.