

For Research Use Only

Cleaved Caspase 10/P23 Recombinant antibody

Catalog Number: 85104-3-RR



Basic Information

Catalog Number:

85104-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC042844

GeneID (NCBI):

843

UNIPROT ID:

Q92851

Full Name:

caspase 10, apoptosis-related
cysteine peptidase

Calculated MW:

59 kDa

Observed MW:

23 kDa

Purification Method:

Protein A purification

CloneNo.:

242468G11

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Staurosporine treated Jurkat cells,

Background Information

CASP10(Caspase-10) is also named as MCH4 and belongs to the peptidase C14A family. It is recruited to the CD99 and p55 tumor necrosis factor receptor signaling complexes and promoting CD95 (APO1/Fas) apoptosis. It may also play a critical role in PTK7-knockdown-induced apoptosis, downstream of mitochondria(PMID:21103379). This protein can be Cleavage by granzyme B and autocatalytic activity generate two active subunits. Defects in CASP10 are the cause of autoimmune lymphoproliferative syndrome type 2A (ALPS2A)(PMID:16446975), familial non-Hodgkin lymphoma (NHL)(PMID:12010812) and gastric cancer (GASC)(PMID:11973654). This antibody recognize the cleaved caspase 10.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

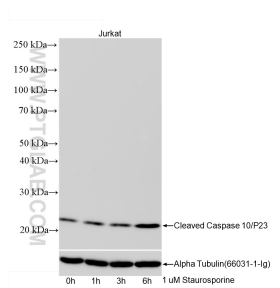
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 85104-3-RR (Cleaved Caspase 10/P23 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.