

For Research Use Only

Cleaved Caspase 4/P20 Recombinant monoclonal antibody

Catalog Number:85770-1-RR



Basic Information

Catalog Number:

85770-1-RR

Size:

100ul , Concentration: 1000 ug/ml by 837

Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC017839

GeneID (NCBI):

837

UNIPROT ID:

P49662

Full Name:

caspase 4, apoptosis-related cysteine peptidase

Calculated MW:

377 aa, 43 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

243150D6

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Staurosporine treated Jurkat cells,

Background Information

Caspase-4 participates in cleavage and activates gasdermin D (GSDMD), leading to cell membrane perforation, cell swelling and rupture, thereby inducing pyroptosis.

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

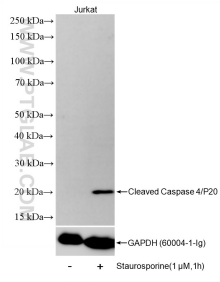
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85770-1-RR (Cleaved Caspase 4/P20 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.