

For Research Use Only

cIAP2 Recombinant antibody

Catalog Number: 84779-4-RR



Basic Information

Catalog Number:

84779-4-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20500

GenBank Accession Number:

BC027485

GeneID (NCBI):

330

UNIPROT ID:

Q13489

Full Name:

baculoviral IAP repeat-containing 3

Calculated MW:

604 aa, 68 kDa

Observed MW:

68 kDa

Purification Method:

Protein A purification

CloneNo.:

242214E11

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

WB, FC (Intra), IP, ELISA

Species Specificity:

human

Positive Controls:

WB : Daudi cells, Raji cells

IP : Raji cells,

FC (Intra) : Raji cells,

Background Information

cIAP2 also known as BIRC3, is a member of the Inhibitor of Apoptosis Protein (IAP) family. cIAP2 is induced by inflammatory stimuli and plays a critical role in regulating adaptive and innate immune responses, cell death, and the production of inflammatory mediators. Its dysregulation is associated with various diseases, including cancer and neuroinflammatory conditions. Understanding the mechanisms by which cIAP2 functions and interacts with other cellular components is essential for developing targeted therapies.

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:

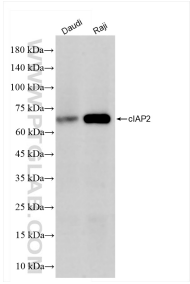
T: 4006900926

E: Proteintech-CN@ptglab.com

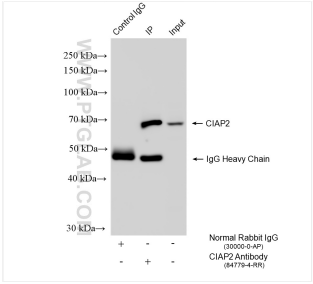
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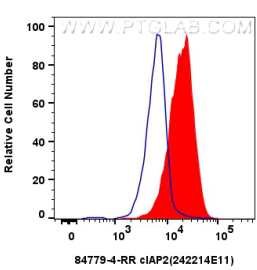
Selected Validation Data



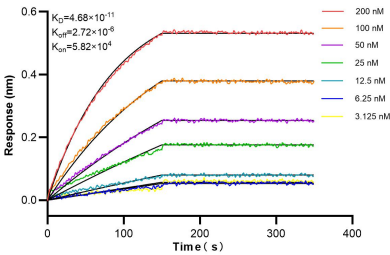
Various lysates were subjected to SDS PAGE followed by western blot with 84779-4-RR (cIAP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-cIAP2 (IP:84779-4-RR, 4ug; Detection:84779-4-RR 1:1000) with Raji cells lysate 1600 ug.



1x10⁶ Raji cells were intracellularly stained with 0.25 ug cIAP2 Recombinant antibody (84779-4-RR, Clone:242214E11) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 84779-4-RR against Human cIAP2 were performed. The affinity constant is 46.8 pM.