

For Research Use Only

# clAP2 Recombinant antibody, PBS Only

Catalog Number: 84779-4-PBS



## Basic Information

Catalog Number:

84779-4-PBS

Size:

1 mg/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

## Applications

Tested Applications:

WB, FC (Intra), IP, Indirect ELISA

Species Specificity:

human

## Background Information

clAP2 also known as BIRC3, is a member of the Inhibitor of Apoptosis Protein (IAP) family. clAP2 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 clAP2 functions and interacts with other cellular components is essential for developing targeted therapies.

## 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

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

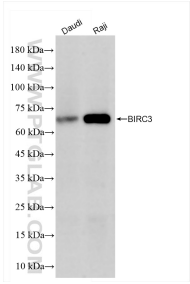
T: 4006900926

E: Proteintech-CN@ptglab.com

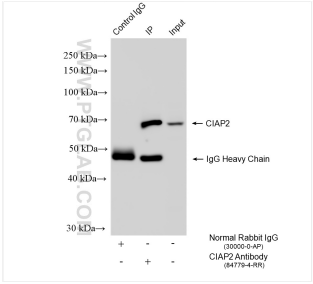
W: ptgcn.com

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

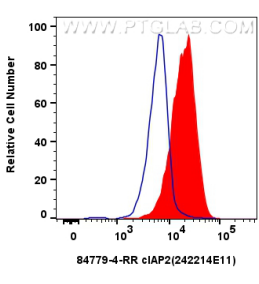
Selected Validation Data



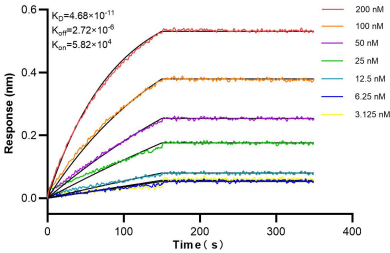
Various lysates were subjected to SDS PAGE followed by western blot with 84779-4-RR (cIAP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84779-4-PBS in a different storage buffer formulation.



IP result of anti-cIAP2 (IP:84779-4-RR, 4ug; Detection:84779-4-RR 1:1000) with Raji cells lysate 1600 ug. This data was developed using the same antibody clone with 84779-4-PBS in a different storage buffer formulation.



1x10^6 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). This data was developed using the same antibody clone with 84779-4-PBS in a



Bioluminescence resonance energy transfer (BRET) kinetic assays of 84779-4-RR against Human cIAP2 were performed. The affinity constant is 46.8 pM.