

For Research Use Only

cIAP2 Recombinant antibody

Catalog Number: 84779-4-RR



Basic Information

Catalog Number: 84779-4-RR	GenBank Accession Number: BC027485	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 330	CloneNo.: 242214E11
Source: Rabbit	UNIPROT ID: Q13489	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: baculoviral IAP repeat-containing 3	
Immunogen Catalog Number: AG20500	Calculated MW: 604 aa, 68 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, FC (Intra), IP, ELISA	Positive Controls:
Species Specificity: human	WB : Daudi cells, Raji cells IP : 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

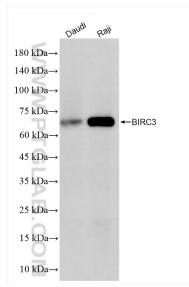
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

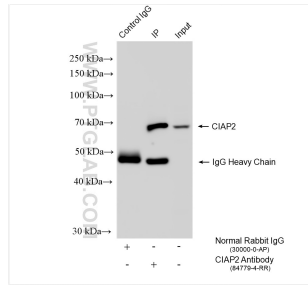
E: proteintech@ptglab.com
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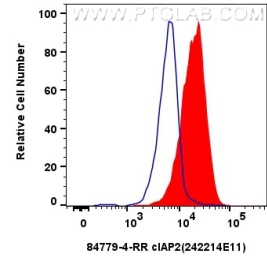
Selected Validation Data



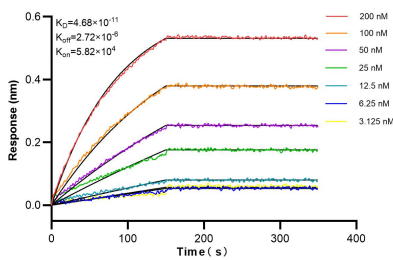
Various lysates were subjected to SDS PAGE followed by western blot with 84779-4-RR (cIAP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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



1×10^6 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).



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