

For Research Use Only

CoraLite® Plus 488-conjugated cIAP1 Monoclonal antibody

Catalog Number: CL488-66626



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-66626	BC016174	Protein G purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	329	1H3F1
Source:	UNIPROT ID:	Recommended Dilutions:
Mouse	Q13490	IF/ICC 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG1	baculoviral IAP repeat-containing 2	493 nm / 522 nm
Immunogen Catalog Number:	Calculated MW:	
AG21398	618 aa, 70 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HepG2 cells,
Species Specificity:	
Human, mouse, rat, pig	

Background Information

BIRC2 (also known as cIAP1) is a member of the inhibitor of apoptosis protein (IAP) family. The inhibitor of apoptosis (IAP) proteins are a family of anti-apoptotic regulators found in viruses and metazoans. BIRC2 is a nuclear shuttling protein, whose subcellular localization is mediated by the CRM1-dependent nuclear export pathway (PMID: 15265700). The protein is regulated transcriptionally and can be inhibited by mitochondrial proteins released in the cytoplasm upon apoptotic stimuli (PMID: 15187025). BIRC2 is also believed to be a critical regulator of vascular integrity and endothelial cell survival, thereby providing an additional target pathway for the control of angiogenesis and blood vessel homeostasis during embryogenesis, regeneration and tumorigenesis (PMID: 17934460).

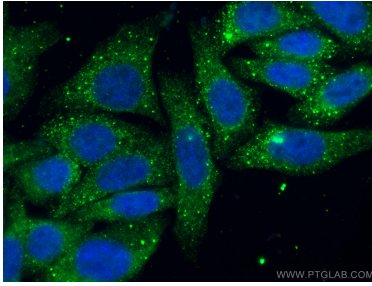
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 cIAP1 antibody (CL488-66626, Clone: 1H3F1) at dilution of 1:100.