

For Research Use Only

CoraLite® Plus 488-conjugated cIAP1 Monoclonal antibody



Catalog Number: CL488-66626

Basic Information

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

Applications

Tested Applications: IF/ICC	Positive Controls: IF : 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.
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:

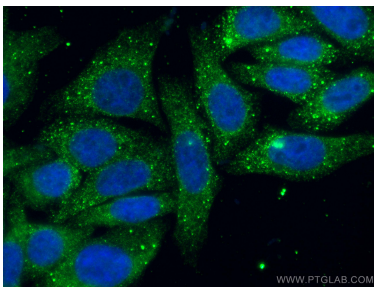
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Selected Validation Data



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