

For Research Use Only

# CoraLite® Plus 488-conjugated XIAP Monoclonal antibody



Catalog Number: CL488-66800

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-66800	<b>GenBank Accession Number:</b> BC032729	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 331	<b>CloneNo.:</b> 2A1A12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P98170	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> X-linked inhibitor of apoptosis	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG18088	<b>Calculated MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
IF-P  
**Species Specificity:**  
Human, mouse, rat

**Positive Controls:**  
IF : human colon cancer tissue,

## Background Information

XIAP, also named as API3, BIRC4 and IAP3, belongs to the IAP family. It has E3 ubiquitin-protein ligase activity. It mediates the proteasomal degradation of target proteins, such as caspase-3, SMAC or AIFM1. XIAP is an inhibitor of caspase-3, -7 and -9. It mediates activation of MAP3K7/TAK1, leading to the activation of NF-kappa-B. XIAP is an apoptotic suppressor. It is ubiquitinated and degraded by the proteasome in apoptotic cells.

## 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:

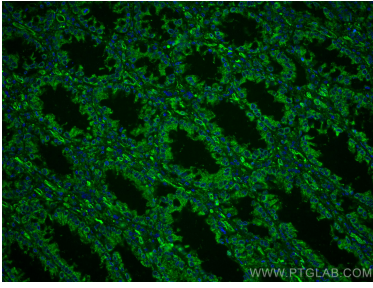
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

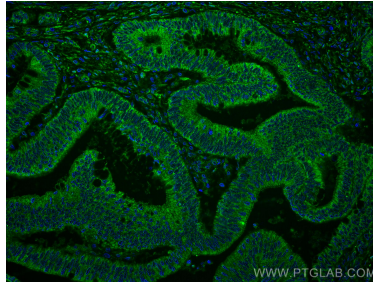
W: [ptgcn.com](http://ptgcn.com)

**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 human colon cancer tissue using CoraLite® Plus 488 XIAP antibody (CL488-66800, Clone: 2A1A12 ) at dilution of 1:200.



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