

For Research Use Only

# CoraLite® Plus 488-conjugated SKP2 Polyclonal antibody



Catalog Number: CL488-15010

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-15010	<b>GenBank Accession Number:</b> BC001441	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6502	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> S-phase kinase-associated protein 2 (p45)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 48 kDa	
<b>Immunogen Catalog Number:</b> AG6826	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> human	

## Background Information

SKP2(S-phase kinase-associated protein 2) is also named as FBXL1 and belongs to the F-box family. It regulates cellular proliferation by targeting several cell cycle-regulated proteins for ubiquitination and degradation, including cyclin-dependent kinase inhibitor CDKN1B(PMID:22200179). The acetylation of SKP2 in the nuclear localization signal (NLS) can promote its cytoplasmic retention, and cytoplasmic SKP2 enhances cellular migration through ubiquitination and destruction of CDH. This protein has 3 isoforms produced by alternative splicing (PMID:26497688, PMID:16902410).

## Storage

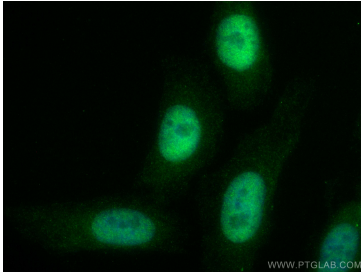
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
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 SKP2 antibody (CL488-15010) at dilution of 1:200.