

For Research Use Only

# CoraLite® Plus 488-conjugated SMARCA2-Specific Polyclonal antibody



Catalog Number: **CL488-26613**

Featured Product

## Basic Information

Catalog Number:  
CL488-26613

Size:  
1000 µg/ml

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
AG25157

GenBank Accession Number:  
NM\_003070

GeneID (NCBI):  
6595

UNIPROT ID:  
P51531

Full Name:  
SWI/SNF related, matrix associated,  
actin dependent regulator of  
chromatin, subfamily a, member 2

Calculated MW:  
181 kDa

Observed MW:  
180-190 kDa

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
IF/ICC 1:200-1:800

Excitation/Emission maxima  
wavelengths:  
493 nm / 522 nm

## Applications

Tested Applications:  
IF/ICC, FC (Intra)

Species Specificity:  
human, mouse

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

SMARCA2 is a transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. SMARCA2 is involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

## 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:

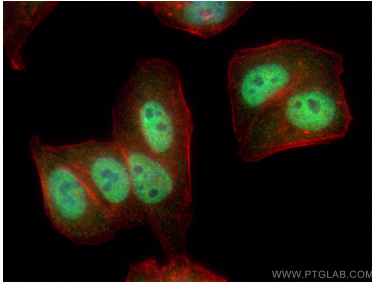
T: 4006900926

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

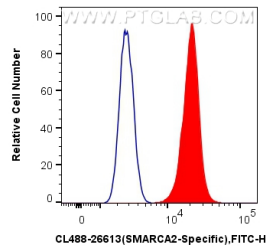
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 SMARCA2-Specific antibody (CL488-26613) at dilution of 1:400, CL594-Phalloidin (red).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human SMARCA2-Specific (CL488-26613) (red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone: ) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.