

For Research Use Only

# CoraLite® Plus 488-conjugated P16-INK4A Polyclonal antibody



Catalog Number: CL488-10883

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-10883	<b>GenBank Accession Number:</b> BC021998	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1029	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 16 kDa	
<b>Immunogen Catalog Number:</b> AG1328	<b>Observed MW:</b> 16-18 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human

## Background Information

CDKN2A generates several transcript variants which differ in their first exons. At least three alternatively-spliced variants encoding distinct proteins were reported. Two of them named p16-INK4 and p14 are sharing 50% identity. The third one -p14(ARF) is entirely unrelated. 10883-1-AP reacts with p16 specifically. P16 plays an essential role in regulating the cell cycle, and mutations in p16 increase the risk of developing various cancers, including melanoma.

## 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.

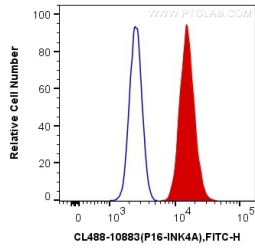
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human P16-INK4A (CL488-10883) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).