

For Research Use Only

CoraLite®647-conjugated P16-INK4A Polyclonal antibody



Catalog Number: CL650-10883

Featured Product

Basic Information

Catalog Number: CL650-10883	GenBank Accession Number: BC021998	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1029	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	Full Name: cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	
Isotype: IgG	Calculated MW: 16 kDa	
Immunogen Catalog Number: AG1328	Observed MW: 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.

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:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data