

Anti-CDKN2A/p16INK4a Antibody (BL-21301)

Product information

Product name	Anti-CDKN2A/p16INK4a Antibody (BL-21301)
Immunogen	Synthetic peptide within Human CDKN2A/p16INK4a aa 100 to the C-terminus (C terminal).
Host	Rabbit
Reactivity	Human
Applications	WB, IP, IHC-P, Flow Cyt, ICC/IF
Clonality	Polyclonal
Isotype	IgG
Purification	Immunogen affinity purified
Conjugate	N/A

Applications

WB	1/2000. Predicted molecular weight: 17 kDa.
ICC/IF	1/270.
Flow Cyt	1/270.
IHC-P	1/100.
IP	1/30.

Properties

Formulation	Liquid solution
Storage buffer	Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative, 1% BSA as stablizer and 50% Glycerol.
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze/thaw cycle.
Shipped at 4°C.	Shipped at 4°C.

Background

CDKN2A generates several transcript variants which differ in their first exons. At least three alternatively-spliced variants encoding distinct proteins 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.