

CDKN2A antibody

Product Information

Catalog No.:	FNab06064
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

CDKN2A generates several transcript variants which differ in their first exons. At least three alternatively-spliced variants encoding distinct proteins have been reported, and two are related, named p16-INK4 and p14 respectively, sharing 50% identity. The third one is completely stuctually un-related, called p14(ARF) or p19(ARF). FNab06064 reacted with p16 specifically. P16 plays an important role in regulating the cell cycle, and mutations in p16 increase the risk of developing a variety of cancers, notably melanoma.

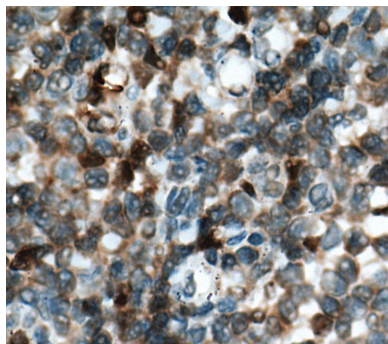
Immunogen information

Immunogen:	cyclin-dependent kinase inhibitor 2A(melanoma, p16, inhibits CDK4)
Synonyms:	Cyclin-dependent kinase inhibitor 2A Cyclin-dependent kinase 4 inhibitor A (CDK4I) Multiple tumor suppressor 1 (MTS-1) p16-INK4a (p16-INK4, p16INK4A) CDKN2A CDKN2 MTS1
Observed MW:	16-18 kDa
Uniprot ID :	P42771

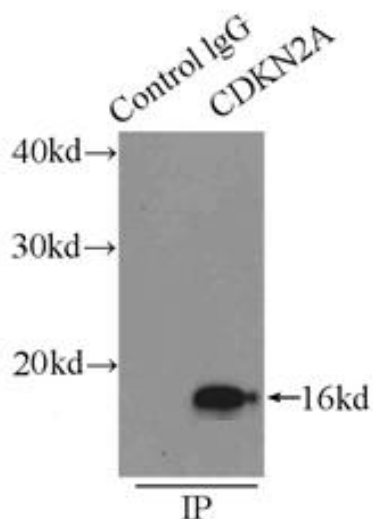
Application

Reactivity:	Human
Tested Application:	ELISA, WB, IF, IP, IHC, FC
Recommended dilution:	WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:50-1:500; IF: 1:20-1:200

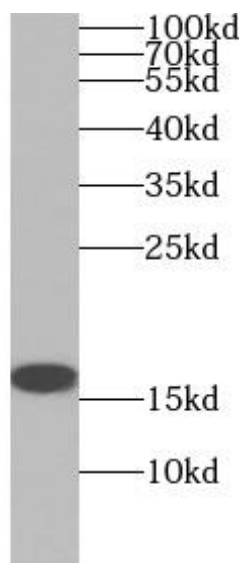
Image:



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab06064(P16-INK4A Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



IP Result of anti-P16 (IP: FNab06064, 4ug; Detection: FNab06064 1:1000) with HEK-293 cells lysate 4500ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab06064(P16 antibody) at dilution of 1:1000