

## anti- P16-INK4A 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
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 structurally 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:	ARF,CDKN2A, CDK4 inhibitor p16 INK4, CDK4 inhibitor p16INK4, CDK4I, CDKN2, CDKN2A, CMM2, INK4, INK4a, MLM, MTS 1, MTS1, Multiple tumor suppressor 1, p14, p14ARF, P16, p16 INK4, p16 INK4a, p16INK4, p16INK4a, P19, TP16
Observed MW:	16-18kd
UniprotID :	P42771

### Application

Reactivity:	Human
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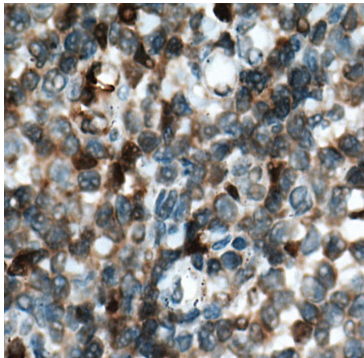
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

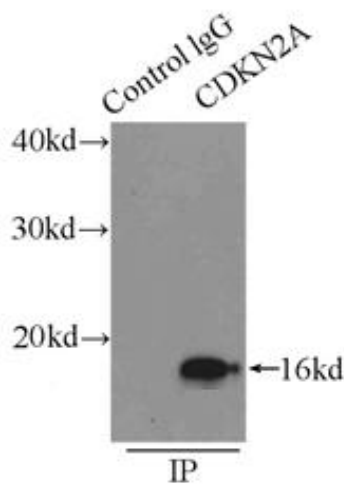
Tested Application: ELISA, WB, IF, IP, IHC, FC

Recommended dilution: WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:50-1:500; IF: 1:20-1:200

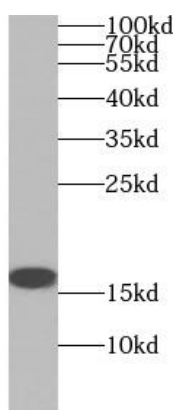
Image:



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