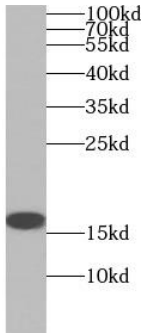
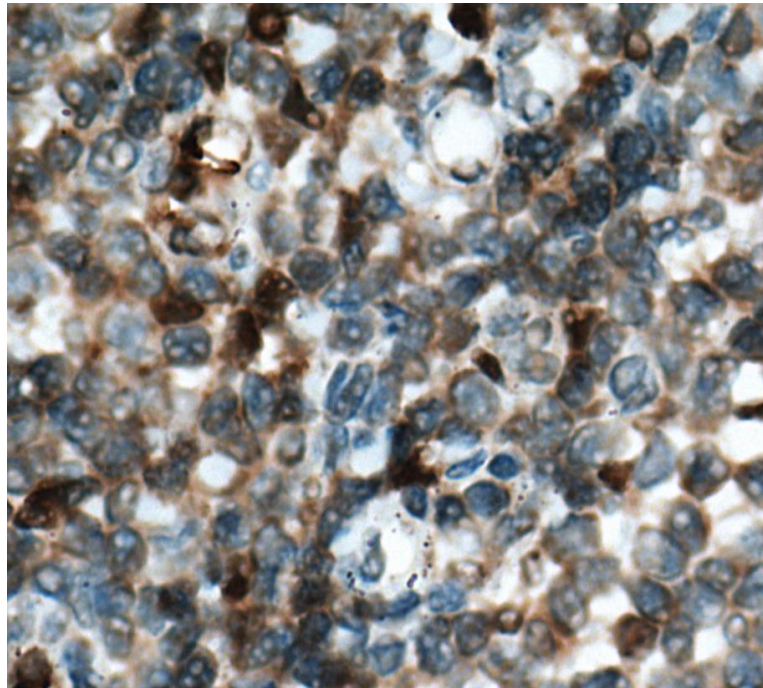
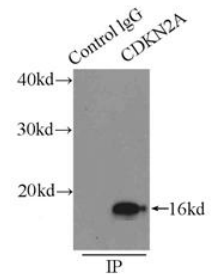

Product name:	P16-INK4A Rabbit Polyclonal Antibody
Cat number:	AB-84778
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	cyclin-dependent kinase inhibitor 2A(melanoma, p16, inhibits CDK4)
Reactivity:	Human
Applications:	Western Blot: 1:500-1:5000 Immunoprecipitation: 1:500-1:5000 Immunohistochemistry: 1:50-1:500 Immunofluorescence: 1:20-1:200
Molecular Weight:	16kDa
Purification:	Immunogen affinity purified
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3,
Storage:	Store at -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). AB-84778 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.



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



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



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