

Cat. No:	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
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
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). 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.
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.)

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