

CDKN2A Mouse mAb

Catalog No: #64434

Package Size: #64434-1 50ul #64434-2 100ul

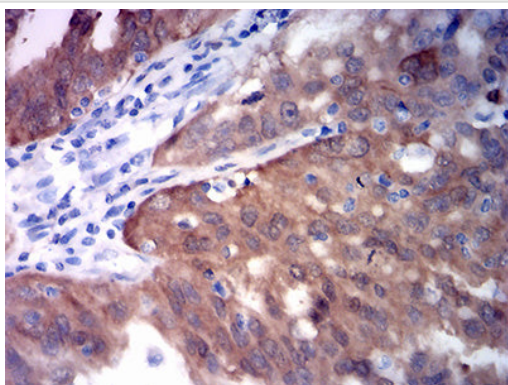
Description

Product Name	CDKN2A Mouse mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	MR4530
Isotype	Mouse IgG1
Applications	WB,IHC,FCM,ELISA
Species Reactivity	Human
Immunogen Description	Purified recombinant fragment of human CDKN2A (AA: 1-156) expressed in E. Coli.
Target Name	CDKN2A
Other Names	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
Calculated MW	17kD
SDS-PAGE MW	17kDa
Formulation	Purified antibody in PBS with 0.05% sodium azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

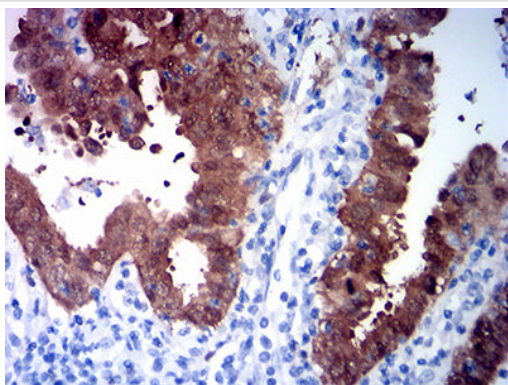
Application Details

WB 1:500-1:2000 IHC 1:200-1:1000 FCM 1:200-1:400 ELISA 1:10000

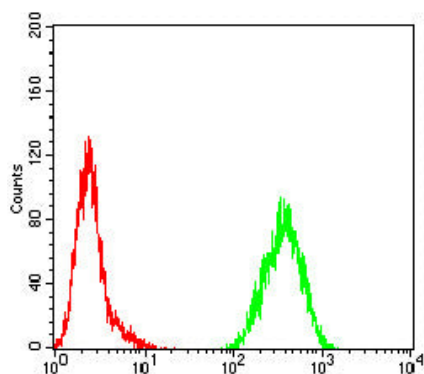
Images



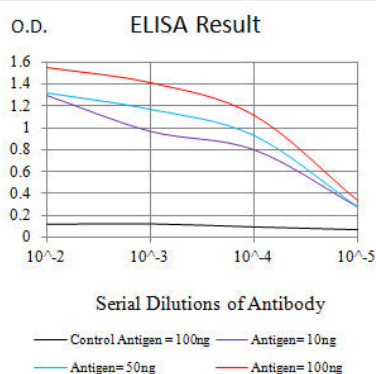
Formalin-fixed, paraffin-embedded human ovarian cancer tissues stained for CDKN2A using 64434 at 1/100 dilution in immunohistochemical analysis.



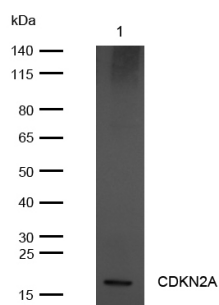
Formalin-fixed, paraffin-embedded human endometrial cancer tissues stained for CDKN2A using 64434 at 1/100 dilution in immunohistochemical analysis.



Flow Cytometry Calreticulin antibody (64434) Flow cytometric analysis of HeLa cells with CDKN2A Mouse mAb at 1/50 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody) (red).



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



All lanes : CDKN2A Mouse mAb at 1/1k dilution Lane 1 : HeLa whole cell lysates

Lysates/proteins at 20 µg per lane. All lanes : Goat Anti-Mouse IgG H&L (HRP) at 1/20000 dilution Predicted band size: 17 kDa Observed band size: 17 kDa Exposure time: 6 seconds

Background

Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.