

Product Datasheet

p21/CIP1/CDKN1A Antibody (2F1)

H00001026-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00001026-M02

p21/CIP1/CDKN1A Antibody (2F1)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F1
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

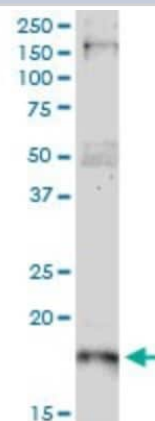
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1026
Gene Symbol	CDKN1A
Species	Human
Specificity/Sensitivity	CDKN1A - cyclin-dependent kinase inhibitor 1A (p21, Cip1)
Immunogen	CDKN1A (AAH00312.1, 65 a.a. ~ 164 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. WERVRGLGLPKLYLPTGPRRGRDELGGGRRPGTSPALLQGTAEDHVDLSLS CTLVPRSGEQAEGSPGGPGDSQGRKRRQTSMTDFYHSKRRLIFSKRKP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against recombinant protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been use for IF.

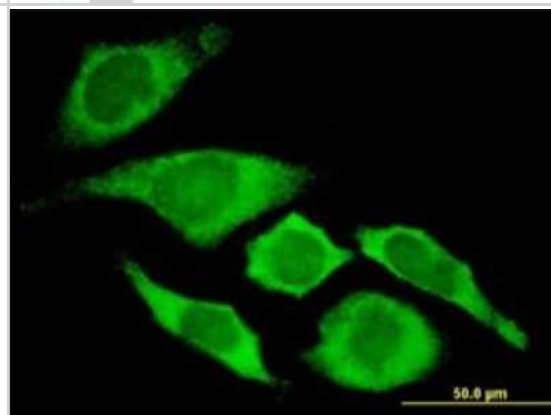


Images

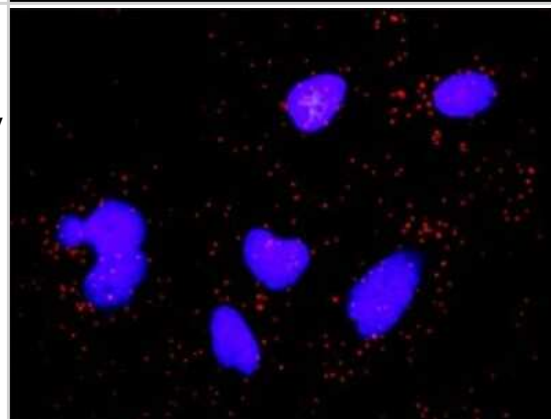
Western Blot: p21/CIP1/CDKN1A Antibody (2F1) [H00001026-M02] - CDKN1A monoclonal antibody (M02), clone 2F1. Analysis of CDKN1A expression in human liver.



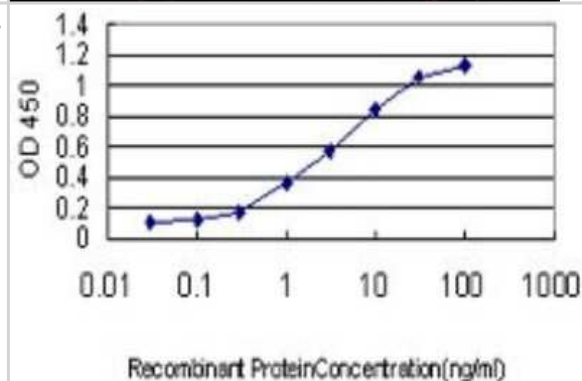
Immunocytochemistry/Immunofluorescence: p21/CIP1/CDKN1A Antibody (2F1) [H00001026-M02] - Analysis of monoclonal antibody to CDKN1A on HeLa cell. Antibody concentration 10 ug/ml.



Proximity Ligation Assay: p21/CIP1/CDKN1A Antibody (2F1) [H00001026-M02] - Analysis of protein-protein interactions between CASP3 and CDKN1A. HeLa cells were stained with anti-CASP3 rabbit purified polyclonal 1:1200 and anti-CDKN1A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: p21/CIP1/CDKN1A Antibody (2F1) [H00001026-M02] - Detection limit for recombinant GST tagged CDKN1A is approximately 0.1 ng/ml as a capture antibody.



Publications

Massimi M, Cardarelli S, Galli F et al. Increase of Intracellular Cyclic Amp by PDE4 Inhibitors Affects HepG2 Cell Cycle Progression and Survival. J Cell Biochem 2016-11-16 [PMID: 27859531]

Huang Y, Chuang A, Hao H et al. Phospho- γ H2AX is a key regulator of the cisplatin-induced microRNAome in cancer cells. Cell Death Differ 2011-01-28 [PMID: 21274007]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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