

# Product Datasheet

## **p21/CIP1/CDKN1A Antibody (CIP1/4377R) [DyLight 594] NBP3-08961DL594**

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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**NBP3-08961DL594**

p21/CIP1/CDKN1A Antibody (CIP1/4377R) [DyLight 594]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CIP1/4377R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	DyLight 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	1026
Gene Symbol	CDKN1A
Species	Human
Specificity/Sensitivity	This monoclonal antibody recognizes a 21kDa protein, identified as the p21WAF1 tumor suppressor protein. This monoclonal antibody is highly specific to p21 and shows no cross-reaction with other closely related mitotic inhibitors. p21WAF1 is a specific inhibitor of cdk s and a tumor suppressor involved in the pathogenesis of a variety of malignancies. The expression of this gene acts as an inhibitor of the cell cycle during G1 phase and is tightly controlled by the tumor suppressor protein p53. Its expression is induced by the wild type, but not mutant, p53 suppressor protein. Normal cells generally display a rather intense nuclear p21 expression. Loss of p21 expression has been reported in many carcinomas (gastric carcinoma, non-small cell lung carcinoma, thyroid carcinoma).
Immunogen	Synthetic peptide corresponding to p21/CIP1/CDKN1A residues within aa1-100 of p21/CIP1/CDKN1A was used as an immunogen. (Uniprot: P38936 )
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-08961DL594**

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NBP2-24891DL594	Rabbit IgG Isotype Control [DyLight 594]
NBP2-22976	Recombinant Human p21/CIP1/CDKN1A His Protein
DYC1047-2	p21/CIP1/CDKN1A [Biotin]
AF835	Caspase-3 Antibody [Unconjugated] - Active

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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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