

Product Datasheet

CDKN2B Antibody (C-term) (orb1936101)

Catalog Number	orb1936101
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	CDKN2B
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This CDKN2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the C-terminal region of human CDKN2B. Antigen Region: 103-131 aa.
UniProt ID	P42772
MW	14722 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:25, WB - 1:2000, IHC-P - 1:250, FC - 1:25
Antibody Type	Primary Antibody

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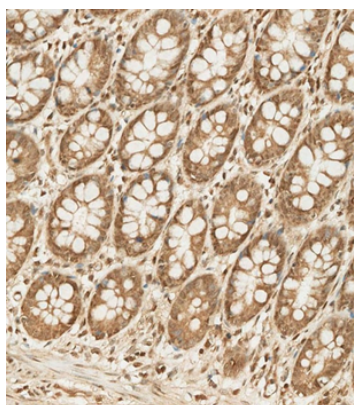
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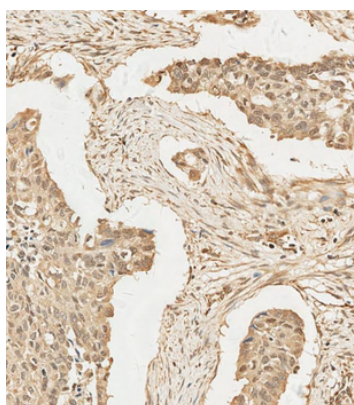
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Clone Number	BTD56893
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_004927.2, NP_511042.1
Expiration Date	12 months from date of receipt.



Staining CDKN2B in human colon tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Samples were incubated with primary antibody (1/250) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Staining CDKN2B in human lung adenocarcinoma tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Samples were incubated with primary antibody (1/100) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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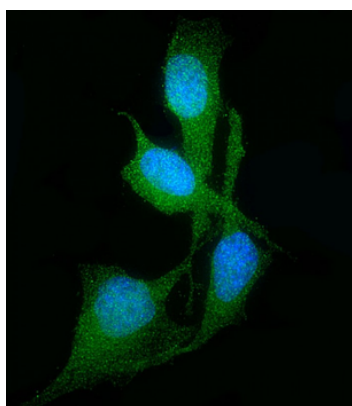
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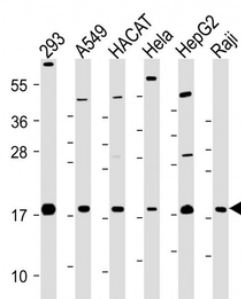
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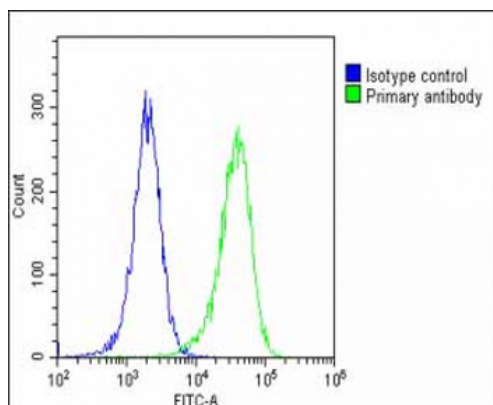
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Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells labeling CDKN2B at 1/25 dilution, followed by DyLight 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus and Cytoplasm staining on HeLa cell line. The nuclear counter stain is DAPI (blue).



All lanes: Anti-CDKN2B Antibody (C-term) at 1:2000 dilution. Lane 1: 293 whole cell lysate. Lane 2: A549 whole cell lysate. Lane 3: HACAT whole cell lysate. Lane 4: HeLa whole cell lysate. Lane 5: HepG2 whole cell lysate. Lane 6: Raji whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 15 kDa. Blocking/Dilution buffer: 5% NFDN/TBST.



Overlay histogram showing HeLa cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.

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