

Product Datasheet

p21 (CDKN1A) Antibody (C-term) (orb38089)

Catalog Number	orb38089
Category	Antibodies
Description	Purified rabbit polyclonal antibody.
Target	CDKN1A
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	Synthetic Peptide
UniProt ID	P38936
MW	18119
Tested applications	FC, IF, IHC-P, WB
Dilution range	WB: 1:1000, IHC-P: 1:50-100, IF/ICC: 1:10-50, FACS: 1:10-50
Antibody Type	Primary Antibody
Clone Number	BTD5302

Biorbyt Ltd.

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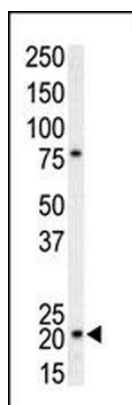
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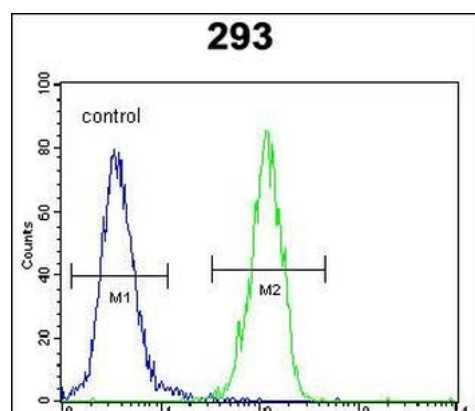
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_000380.1 , NP_001207707.1 , NP_001207706.1 , NP_510867.1
Expiration Date	12 months from date of receipt.



The anti-CDKN1A Pab is used in Western blot to detect CDKN1A in T-47D cell lysate.



p21 (CDKN1A) Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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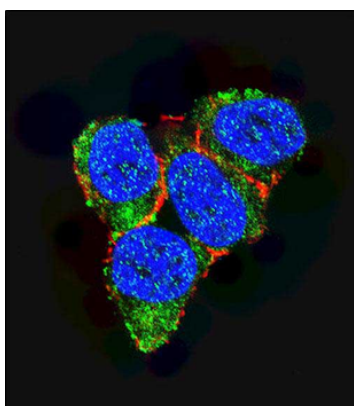
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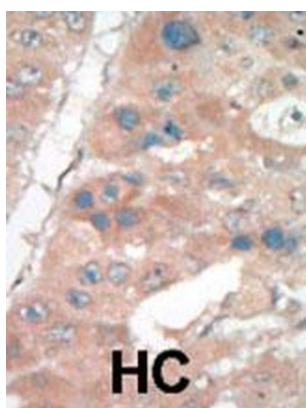
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Confocal immunofluorescent analysis of p21 (CDKN1A) Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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