

Product Datasheet

CDKN3 Antibody (OTI2E11)

NBP2-01245

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-01245**CDKN3 Antibody (OTI2E11)****Product Information**

Unit Size	0.1 ml
Concentration	0.56 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2E11
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	23.6 kDa

Product Description

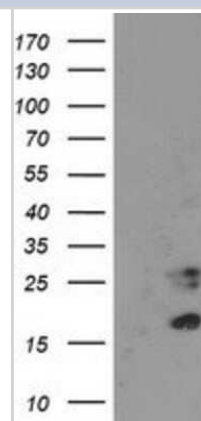
Host	Mouse
Gene ID	1033
Gene Symbol	CDKN3
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human CDKN3(NP_005183) produced in HEK293T cell.

Product Application Details

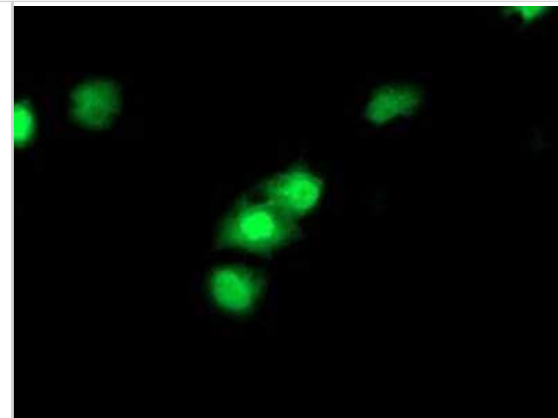
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

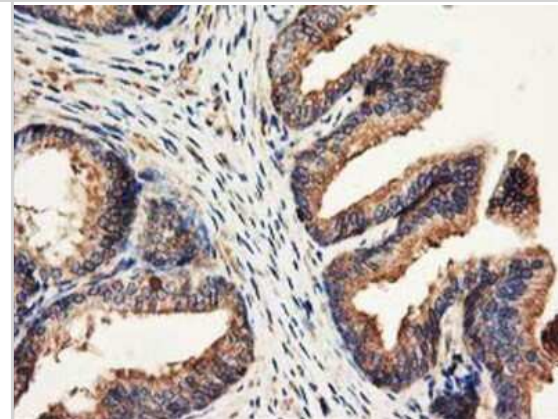
Western Blot: CDKN3 Antibody (2E11) [NBP2-01245] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CDKN3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CDKN3.



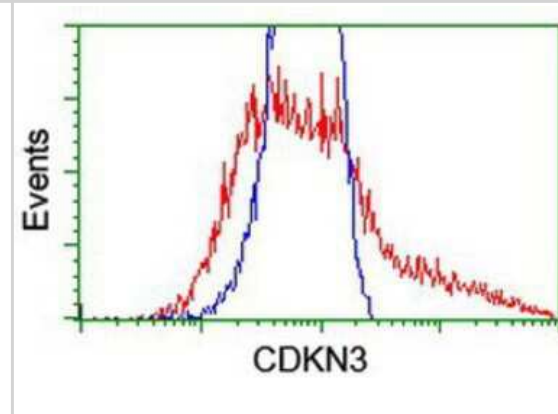
Immunocytochemistry/Immunofluorescence: CDKN3 Antibody (2E11) [NBP2-01245] Staining of COS7 cells transiently transfected by pCMV6-ENTRY CDKN3.



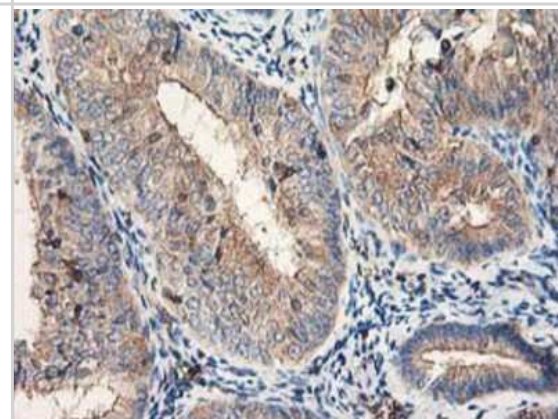
Immunohistochemistry-Paraffin: CDKN3 Antibody (2E11) [NBP2-01245] - Staining of paraffin-embedded Human prostate tissue using anti-CDKN3 mouse monoclonal antibody.



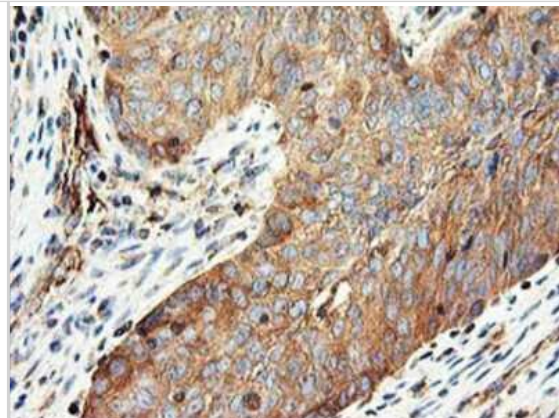
Flow Cytometry: CDKN3 Antibody (2E11) [NBP2-01245] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CDKN3 antibody, and then analyzed by flow cytometry.



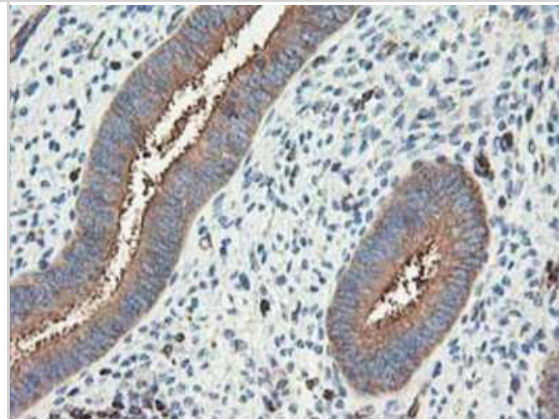
Immunohistochemistry-Paraffin: CDKN3 Antibody (2E11) [NBP2-01245] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CDKN3 mouse monoclonal antibody.



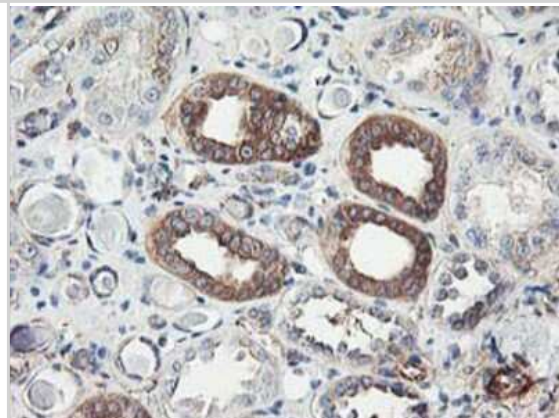
Immunohistochemistry-Paraffin: CDKN3 Antibody (2E11) [NBP2-01245]
- Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-CDKN3 mouse monoclonal antibody.



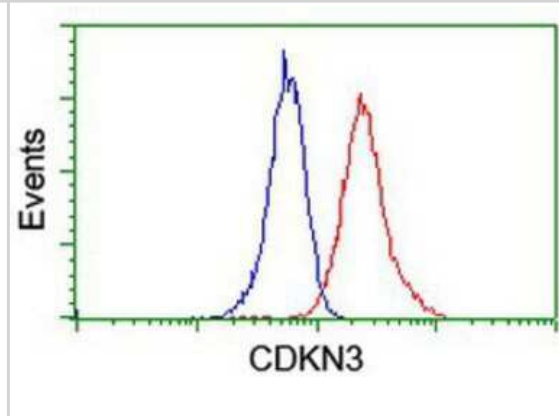
Immunohistochemistry-Paraffin: CDKN3 Antibody (2E11) [NBP2-01245]
- Staining of paraffin-embedded Human endometrium tissue using anti-CDKN3 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: CDKN3 Antibody (2E11) [NBP2-01245]
- Staining of paraffin-embedded Human Kidney tissue using anti-CDKN3 mouse monoclonal antibody.



Flow Cytometry: CDKN3 Antibody (2E11) [NBP2-01245] - Analysis of Jurkat cells, using anti-CDKN3 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Li X, Ni M, Xiong W et al. Transcriptomics analysis and benchmark concentration estimating-based in vitro test with IOSE80 cells to unveil the mode of action for female reproductive toxicity of bisphenol A at human-relevant levels Ecotoxicology and environmental safety 2022-06-01 [PMID: 35429799] (WB, Human)



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Products Related to NBP2-01245

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-50909-0.1mg	Recombinant Human CDKN3 His Protein

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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