

Product Datasheet

p16INK4a/CDKN2A Antibody (1D7D2A1) - BSA Free NBP2-37736

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-37736

p16INK4a/CDKN2A Antibody (1D7D2A1) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D7D2A1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	16.5 kDa

Product Description

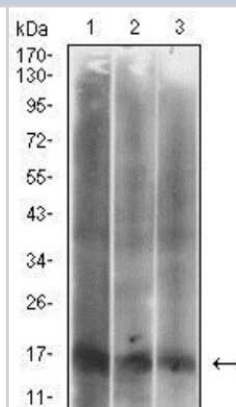
Host	Mouse
Gene ID	1029
Gene Symbol	CDKN2A
Species	Human
Immunogen	Purified recombinant fragment of human p16INK4a/CDKN2A (AA: 1-156) expressed in E. Coli.

Product Application Details

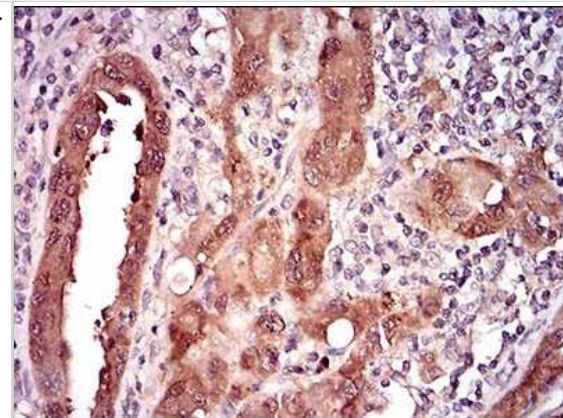
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

Images

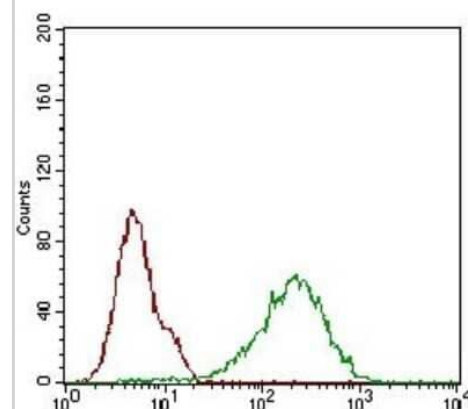
Western blot analysis using CDKN2A mouse mAb against Hela (1), HepG2 (2) and Hek293 (3) cell lysate.



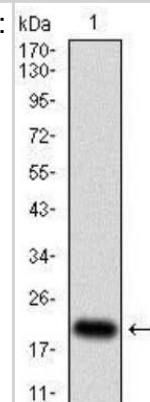
Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using CDKN2A mouse mAb with DAB staining.



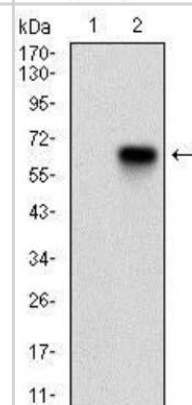
Flow cytometric analysis of Hela cells using CDKN2A mouse mAb (green) and negative control (red).



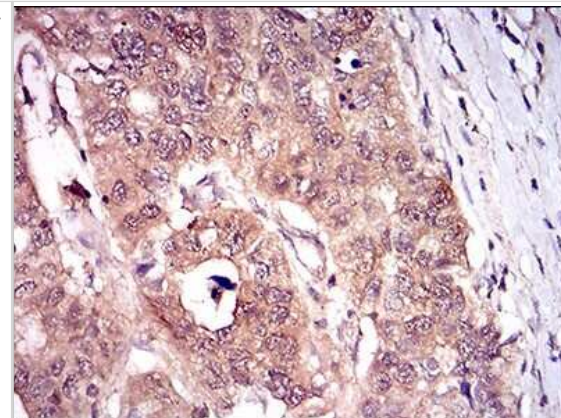
Western blot analysis using CDKN2A mAb against human CDKN2A (AA: 1-156) recombinant protein. (Expected MW is 19 kDa)



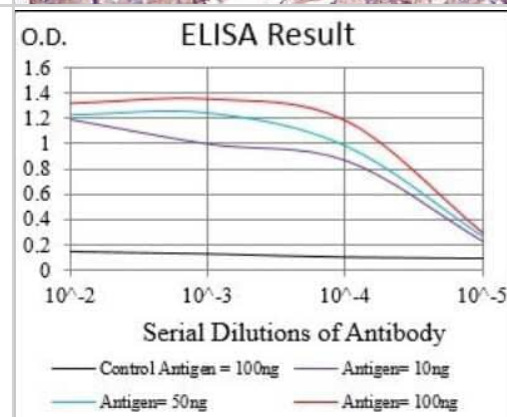
Western blot analysis using CDKN2A mAb against HEK293 (1) and CDKN2A (AA: 1-156)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CDKN2A mouse mAb with DAB staining.



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Al Shboul S, El-Sadoni M, Alhesa A et al. NOXA expression is downregulated in human breast cancer undergoing incomplete pathological response and senescence after neoadjuvant chemotherapy Sci Rep 2023-09-23 [PMID: 37741850]

Saleh T, El-Sadoni M, Alhesa A Et al. Expression of Senescence and Apoptosis Biomarkers in Synchronous Bilateral Breast Cancer: A Case Report Current oncology (Toronto, Ont.) 2021-09-30 [PMID: 34677245] (IF/IHC, Human)



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Products Related to NBP2-37736

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)
NBP2-35199-10ug	Recombinant Human p16INK4a/CDKN2A 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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