

Product Datasheet

p16INK4a/CDKN2A Antibody (OTI4C11) NBP2-45602

Unit Size: 0.1 ml

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

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NBP2-45602

p16INK4a/CDKN2A Antibody (OTI4C11)

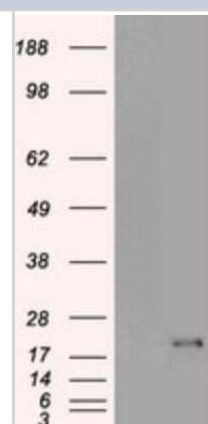
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4C11
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	16.4 kDa

Product Description	
Description	Novus Biologicals Mouse p16INK4a/CDKN2A Antibody (OTI4C11) (NBP2-45602) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1029
Gene Symbol	CDKN2A
Species	Human
Immunogen	Full length human recombinant protein of human p16INK4a/CDKN2A (NP_000068) produced in E.coli.

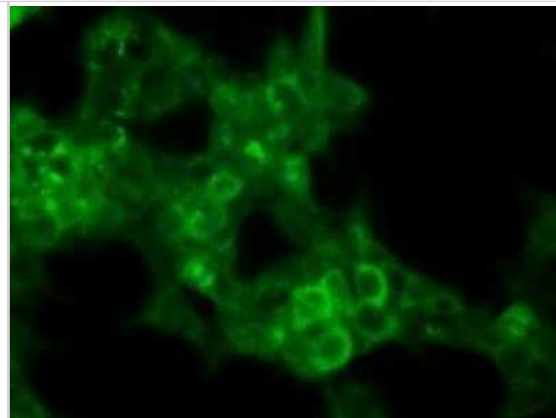
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

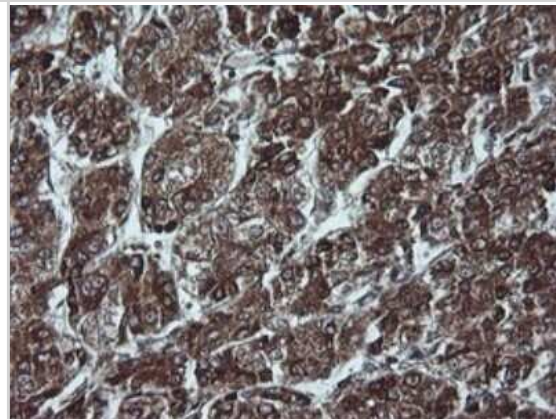
Western Blot: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CDKN2A.



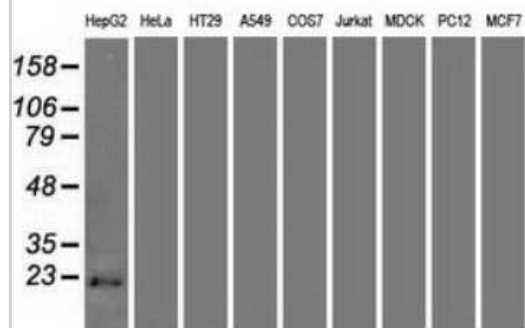
Immunocytochemistry/Immunofluorescence: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of HepG2 cells.



Immunohistochemistry: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of Carcinoma of Human liver tissue.



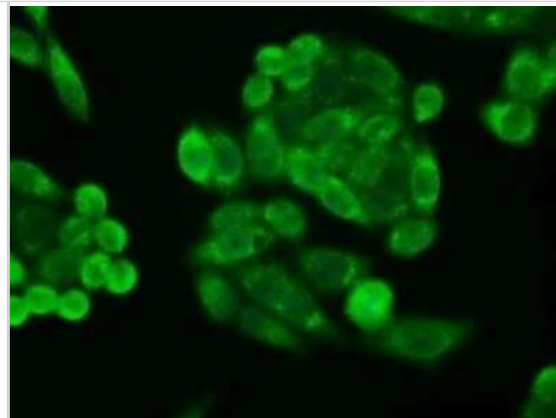
Western Blot: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of extracts (35ug) from 9 different cell lines (HepG2: Human; HeLa: Human; HT29: Human; A549: Human; COS7: monkey; Jurkat: human; MDCK: Canine; PC12: Rat; MCF7: human)



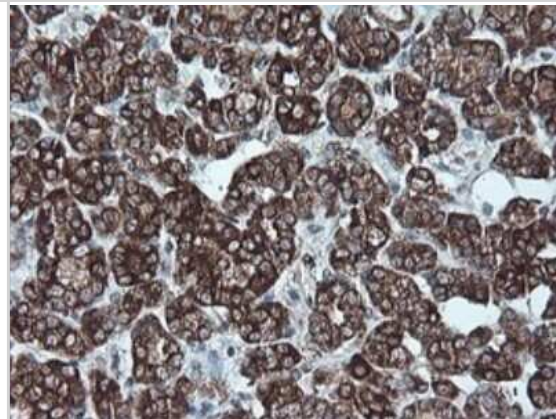
Immunocytochemistry/Immunofluorescence: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY CDKN2A.



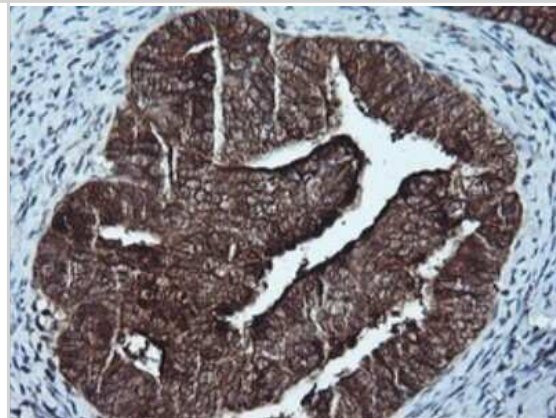
Immunocytochemistry/Immunofluorescence: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of HeLa cells.



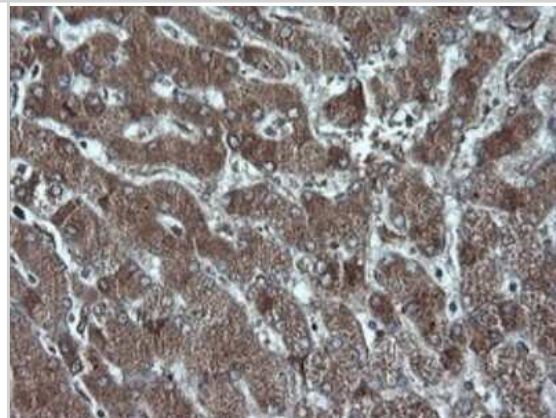
Immunohistochemistry: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of Carcinoma of Human thyroid tissue.



Immunohistochemistry: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of Adenocarcinoma of Human endometrium tissue.



Immunohistochemistry: p16INK4a/CDKN2A Antibody (OTI4C11) [NBP2-45602] - Analysis of Human liver tissue.



Publications

Habbani S, Dowlathshahi S, Lichti N et al. Protein Biomarkers Enable Sensitive and Specific Cervical Intraepithelial Neoplasia (CIN) II/III+ Detection: One Step Closer to Universal Cervical Cancer Screening. *Cancers* 2025-05-24 [PMID: 40507244]



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Products Related to NBP2-45602

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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